

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,
AND COMPLIANCE SERVICES

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT, made and entered into this 31st day of January, 2017.

BY AND BETWEEN

COUNTY OF LOS ANGELES, State of California,
hereinafter referred to as County,

AND

LEIGHTON CONSULTING, INC.
hereinafter referred to as Consultant,

The parties hereto do mutually agree as follows:

1. Definition

County means either County; County, as agent for such joint powers authority or nonprofit corporation as may be involved in the issuance of bonds, certificates of participation, or other evidences of indebtedness to finance the work contemplated herein; or said joint powers authority or nonprofit corporation.

2. Consultant's Services

The scope of work shall be as outlined in the Attachment dated November 1, 2016. Consultant's proposal is incorporated herein as a part of this Contract. In the event that any conflict or inconsistency between this Contract and Consultant's proposal are found, such conflict or inconsistency shall be resolved by giving precedence first to the Contract and the attachments to the Contract.

No work shall commence on this project until a written Notice to Proceed is issued by County. County does not guarantee or promise that any work will be assigned to Consultant under this contract until a written Notice to Proceed is issued by the County. Consultant is also referred herein as Contractor.

3. Consideration

In consideration of the performance by Consultant in a manner satisfactory to County of the services described in Paragraph 2 above, including receipt and acceptance of such work by Director of the County of Los Angeles Department of Public Works (hereinafter

called Director), County agrees to pay Consultant an annual-aggregate not-to-exceed program amount of Twelve Million Five Hundred Thousand Dollars (\$12,500,000) in the manner set forth immediately below and according to the Schedule of Prices attached to this Agreement as Attachment 3. County does not guarantee any work or services of any specific monetary amount under this Contract.

Consultant shall invoice County upon the completion of tasks, subtasks, deliverables, and other additional services specified in this Agreement, Scope of Work, and any change orders, as applicable, and which have been approved in writing by the County.

- a. Payments for the work accomplished shall be made upon verification and acceptance of such work by Director, as stated in the Attachment dated November 1, 2016, up to an annual-aggregate not-to-exceed program amount of \$12,500,000. Invoices shall be accompanied by an analysis of work completed for the invoice period. This analysis shall be prepared in a format satisfactory to Director.
- b. At the sole discretion of the Director, or his/her designee, the annual-aggregate not-to-exceed program amount may be supplemented by up to \$75,000, per amendment, based on workload requirements. The aggregate amount of such amendments shall not exceed 25 percent of the original annual-aggregate program amount. The amendment shall be executed in accordance with Paragraph 49 Supplemental/Amendment. Work will be based on Consultant's fee schedule attached to this Agreement as Attachment 3.
- c. Consultant shall not proceed with additional services not set forth in the scope of work or perform services outside the Contract Term without an amendment to this Agreement as set forth in Paragraph 49. Consultant will not be paid for any expenditure beyond the Contract amount stipulated without an amendment to this Agreement.
- d. No Payment for Services Provided Following Expiration/Termination of Agreement: Consultant shall have no claim against County for payment for any money or reimbursement, of any kind whatsoever, for any service provided by Consultant after the expiration or other termination of this Agreement. Should Consultant receive any such payment it shall immediately notify County and shall immediately repay all such funds to County. Payment by County for services rendered after expiration/termination of this Agreement shall not constitute a waiver of County's right to recover such payment from Consultant. This provision shall survive the expiration or other termination of this Agreement.
- e. If requested by the Consultant, the contract hourly amount may, at the sole discretion of the County, be increased at the time of contract renewal, if exercised by the County, based on the most recently published percentage change in the U.S. Department of Labor, Bureau of Labor Statistics' Consumer Price Index (CPI) for the

Los Angeles-Riverside-Orange County Area for the 12-month period preceding the contract renewal date, which shall be the effective date for any Cost of Living Adjustment (COLA). However, any increase shall not exceed the general salary movement granted to County employees as determined by the Chief Executive Officer as of each July 1 for the prior 12-month period. Furthermore, should fiscal circumstances ultimately prevent the Board from approving any increase in County employee salaries, no COLA will be granted. Upon approval of a COLA, a notification will be sent to the Consultant.

- f. Consultant will notify County when Contract amount has been incurred up to 75% of the Contract total.

4. Equipment and Supplies

Consultant agrees to furnish all necessary equipment and supplies used in the performance of the aforementioned services at Consultant's sole cost and expense.

5. County's Responsibility

County will make available drawings, specifications, and other records as available in County Department of Public Works' file. Notwithstanding the foregoing, County does not represent the accuracy of the content of said materials.

6. County's Representative

Director or Director's authorized representative, shall represent County in all matters pertaining to the services to be rendered pursuant to this Agreement.

7. Term

- a. The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.
- b. The Consultant shall notify Public Works when this Contract is within six (6) months from the expiration of the term as provided for hereinabove. Upon occurrence of this event, the Consultant shall send written notification to Public Works at the address herein provided in Notices Paragraph.
- c. If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall

be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

8. Assignment and Delegation

- a. Consultant shall not assign its rights or delegate its duties under the Agreement, or both, whether in whole or in part, without the prior written consent of County, in its discretion, and any attempted assignment or delegation without such consent shall be null and void. For purposes of this paragraph, County consent shall require a written amendment to the Agreement, which is formally approved and executed by the parties. Any payments by County to any approved delegate or assignee on any claim under the Agreement shall be deductible, at County's sole discretion, against the claims which Consultant may have against County.
- b. Shareholders, partners, members, or other equity holders of Consultant may transfer, sell, exchange, assign, or divest themselves of any interest they may have therein. However, in the event any such sale, transfer, exchange, assignment, or divestment is effected in such a way as to give majority control of Consultant to any person(s), corporation, partnership, or legal entity other than the majority controlling interest therein at the time of execution of the Agreement, such disposition is an assignment requiring the prior written consent of County in accordance with applicable provisions of this Agreement.
- c. Any assumption, assignment, delegation, or takeover of any of the Consultant's duties, responsibilities, obligations, or performance of same by any entity other than the Consultant, whether through assignment, subcontract, delegation, merger, buyout, or any other mechanism, with or without consideration for any reason whatsoever without County's express prior written approval, shall be a material breach of the Agreement which may result in the termination of the Agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

9. Authorization Warranty

The Consultant represents and warrants that the person executing this Contract for the Consultant is an authorized agent who has actual authority to bind the Consultant to each and every term, condition, and obligation of this Contract and that all requirements of the Consultant have been fulfilled to provide such actual authority.

10. Budget Reductions

In the event that the County's Board of Supervisors adopts, in any fiscal year, a County

Budget which provides for reductions in the salaries and benefits paid to the majority of County employees and imposes similar reductions with respect to County Contracts, the County reserves the right to reduce its payment obligation under this Contract correspondingly for that fiscal year and any subsequent fiscal year during the term of this Contract (including any extensions), and the services to be provided by the Consultant under this Contract shall also be reduced correspondingly. The County's notice to the Consultant regarding said reduction in payment obligation shall be provided within thirty (30) calendar days of the Board's approval of such actions. Except as set forth in the preceding sentence, the Consultant shall continue to provide all of the services set forth in this Contract.

11. Compliance with Applicable Law

- a. In the performance of this Contract, Consultant shall comply with all applicable Federal, State and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures, and all provisions required thereby to be included in this Contract are hereby incorporated herein by reference.
- b. Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs, and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with any such laws, rules, regulations, ordinances, directives, guidelines, policies, or procedures, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction or other equitable relief, or make any admission, in each case, on behalf of County without County's prior written approval.

12. Compliance with Civil Rights Laws

The Consultant hereby assures that it will comply with Subchapter VI of the Civil Rights Act of 1964, 42 USC Sections 2000 (e) (1) through 2000 (e) (17), to the end that no person shall, on the grounds of race, creed, color, sex, religion, ancestry, age, condition of physical handicap, marital status, political affiliation, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract. The Consultant shall comply with Consultant's EEO Certification.

13. Compliance with Jury Service Program

This Contract is subject to provisions of the County's ordinance entitled Contractor Employee Jury Service (Jury Service Program) as codified in Sections 2.203.010 through 2.203.090 of the Los Angeles County Code, incorporated by reference and made a part of this Agreement.

- a. Unless Consultant, also referred herein as Contractor, has demonstrated to the County's satisfaction either that Contractor is not a Contractor as defined under the Jury Service Program (Section 2.203.020 of the County Code) or that Contractor qualifies for an exception to the Jury Service Program (Section 2.203.070 of the County Code), Consultant shall have and adhere to a written policy that provides that its Employees shall receive from the Contractor, on an annual basis, no less than five days of regular pay for actual jury service. The policy may provide that Employees deposit any fees received for such jury service with the Contractor or that the Contractor deduct from the Employee's regular pay the fees received for jury service.
- b. For purposes of this Section, Contractor means a person, partnership, corporation or other entity which has a Contract with the County or a subcontract with a County Contractor and has received or will receive an aggregate sum of \$50,000 or more in any 12-month period under one or more County Contracts or subcontracts. Employee means any California resident who is a full-time employee of Contractor. Full-time means 40 hours or more worked per week, or a lesser number of hours if: 1) the lesser number is a recognized industry standard as determined by the County, or 2) Contractor has a long-standing practice that defines the lesser number of hours as full-time. Full-time employees providing short-term, temporary services of 90 days or less within a 12-month period are not considered full-time for purposes of the Jury Service Program. If Contractor uses any subcontractor to perform services for the County under the Contract, the subcontractor shall also be subject to the provisions of this Paragraph. The provisions of this Section shall be inserted into any such subcontract Agreement and a copy of the Jury Service Program shall be attached to the Agreement.
- c. If Consultant is not required to comply with the Jury Service Program when the Contract commences, Contractor shall have a continuing obligation to review the applicability of its exception status from the Jury Service Program, and Contractor shall immediately notify County if Contractor at any time either comes within the Jury Service Program's definition of Contractor or if Contractor no longer qualifies for an exception to the Program. In either event, Contractor shall immediately implement a written policy consistent with the Jury Service Program. The County may also require, at any time during the Agreement and at its sole discretion, that Contractor demonstrate to the County's satisfaction that Contractor either continues to remain

outside the Jury Service Program's definition of Contractor and/or that Contractor continues to qualify for an exception to the Program.

- d. Contractor's violation of this Paragraph of the Agreement may constitute a material breach of the Agreement. In the event of such material breach, County may, in its sole discretion, terminate the Contractor and/or bar Contractor from the award of future County contracts for a period of time consistent with the seriousness of the breach.

14. Confidentiality

Consultant shall maintain the confidentiality of all records and information, proprietary information, software codes, trade secrets, confidential information, etc., whether of County or third parties, in accordance with all applicable Federal, State, and local laws, rules, regulations, ordinances, directives, guidelines, policies and procedures relating to confidentiality, including, without limitation, County policies concerning information technology security and the protection of confidential records and information.

Consultant shall indemnify, defend, and hold harmless County, its officers, employees, and agents, from and against any and all claims, demands, damages, liabilities, losses, costs and expenses, including, without limitation, defense costs and legal, accounting and other expert, consulting, or professional fees, arising from, connected with, or related to any failure by Consultant, its officers, employees, agents, or subconsultants, to comply with this Paragraph, as determined by County in its sole judgment. Any legal defense pursuant to Consultant's indemnification obligations under this Paragraph shall be conducted by Consultant and performed by counsel selected by Consultant and approved by County. Notwithstanding the preceding sentence, County shall have the right to participate in any such defense at its sole cost and expense, except that in the event Consultant fails to provide County with a full and adequate defense, as determined by County in its sole judgment, County shall be entitled to retain its own counsel, including, without limitation, County Counsel, and reimbursement from Consultant for all such costs and expenses incurred by County in doing so. Consultant shall not have the right to enter into any settlement, agree to any injunction, or make any admission, in each case, on behalf of County without County's prior written approval.

15. Conflict of Interest

No County employee in a position to influence the award of this Agreement or any competing Agreement, and no spouse or economic dependent of such employee, shall be employed in any capacity by Consultant herein, or have any other direct or indirect financial interest in this Agreement. No officer or employee of the Consultant who may financially benefit from the performance of work hereunder shall in any way participate in the County's approval, or ongoing evaluation, of such work, or in any way attempt to unlawfully influence the County's approval or ongoing evaluation of such work.

The Consultant shall comply with all conflict of interest laws, ordinances, and regulations now in effect or hereafter to be enacted during the term of this Agreement. The Consultant warrants that it is not now aware of any facts that create a conflict of interest. If the Consultant hereafter becomes aware of any facts that might reasonably be expected to create a conflict of interest, it shall immediately make full written disclosure of such facts to the County. Full written disclosure shall include, but is not limited to, identification of all persons implicated and a complete description of all relevant circumstances. Failure to comply with the provisions of this Paragraph shall be a material breach of this Agreement.

16. Consideration of Hiring County Employees Targeted for Layoff/or Re-Employment List

Should the Consultant require additional or replacement personnel after the effective date of this Contract to perform the services set forth herein, the Consultant shall give first consideration for such employment openings to qualified, permanent County employees who are targeted for layoff or qualified, former County employees who are on a re-employment list during the life of this Contract.

17. Consideration of Hiring GAIN/GROW Program Participants

Should the Consultant require additional or replacement personnel after the effective date of this Contract, the Consultant shall give consideration for any such employment openings to participants in the County's Department of Public Social Services Greater Avenues for Independence (GAIN) Program or General Relief Opportunity for Work (GROW) Program who meet the Consultant's minimum qualifications for the open position. For this purpose, consideration shall mean that the Consultant will interview qualified candidates. The County will refer GAIN/GROW participants by job category to the Consultant. Consultant shall report all job openings with job requirements to: GAINGROW@dpss.lacounty.gov to obtain a list of qualified GAIN/GROW job candidates.

In the event that both laid-off County employees and GAIN/GROW participants are available for hiring, County employees shall be given first priority.

18. Background and Security Investigations

- a. Each of Contractor's staff performing services under this Contract, who is in a designated sensitive position, as determined by County in County's sole discretion, shall undergo and pass a background investigation to the satisfaction of County as a condition of beginning and continuing to perform services under this Contract. Such background investigation must be obtained through fingerprints submitted to the California Department of Justice to include State, local, and federal-level review, which may include, but shall not be limited to, criminal conviction information. The fees associated with the background investigation shall be at the

expense of the Contractor, regardless of whether the member of Contractor's staff passes or fails the background investigation.

- b. If a member of Contractor's staff does not pass the background investigation, County may request that the member of Contractor's staff be removed immediately from performing services under the Contract. Contractor shall comply with County's request at any time during the term of the Contract. County will not provide to Contractor or to Contractor's staff any information obtained through the County's background investigation.
- c. County, in its sole discretion, may immediately deny or terminate facility access to any member of Contractor's staff that does not pass such investigation to the satisfaction of the County or whose background or conduct is incompatible with County facility access.
- d. Disqualification of any member of Contractor's staff pursuant to this Paragraph shall not relieve Contractor of its obligation to complete all work in accordance with the terms and conditions of this Contract.

19. Consultant Responsibility and Debarment

- a. A responsible Consultant is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors. Contractor is a Contractor who has demonstrated the attribute of trustworthiness, as well as quality, fitness, capacity, and experience to satisfactorily perform the Contract. It is the County's policy to conduct business only with responsible Contractors.
- b. The Contractor is hereby notified that, in accordance with Chapter 2.202 of the County Code, if the County acquires information concerning the performance of the Contractor on this or other Contracts which indicates that the Contractor is not responsible, the County may, in addition to other remedies provided in the Contract, debar the Contractor from bidding or proposing on, or being awarded, and/or performing work on County Contracts for a specified period of time, which generally will not exceed five years but may exceed five years or be permanent if warranted by the circumstances, and terminate any or all existing Contracts the Contractor may have with the County.
- c. The County may debar a Contractor if the Board of Supervisors finds, in its discretion, that the Contractor has done any of the following: (1) violated a term of a Contract with the County or a nonprofit corporation created by the County; (2) committed an act or omission which negatively reflects on the Contractor's quality, fitness or capacity to perform a Contract with the County, any other public entity, or a nonprofit corporation created by the County, or engaged in a pattern or practice which negatively reflects on same; (3) committed an act or offense which indicates

a lack of business integrity or business honesty, or (4) made or submitted a false claim against the County or any other public entity.

- d. If there is evidence that the Contractor may be subject to debarment, the Department will notify the Contractor in writing of the evidence which is the basis for the proposed debarment and will advise the Contractor of the scheduled date for a debarment hearing before the Contractor Hearing Board.
- e. The Contractor Hearing Board will conduct a hearing where evidence on the proposed debarment is presented. The Contractor and/or the Contractor's representative shall be given an opportunity to submit evidence at that hearing. After the hearing, the Contractor Hearing Board shall prepare a tentative proposed decision, which shall contain a recommendation regarding whether the Contractor should be debarred, and, if so, the appropriate length of time of the debarment. The Contractor and the Department shall be provided an opportunity to object to the tentative proposed decision prior to its presentation to the Board of Supervisors.
- f. After consideration of any objections, or if no objections are submitted, a record of the hearing, the proposed decision and any other recommendation of the Contractor Hearing Board shall be presented to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny or adopt the proposed decision and recommendation of the Hearing Board.
- g. If the Contractor has been debarred for a period longer than five years, that Contractor may, after the debarment has been in effect for at least five years, submit a written request for review of the debarment determination to reduce the period of debarment or terminate the debarment. The County may, in its discretion, reduce the period of debarment or terminate the debarment if it finds that the Contractor has adequately demonstrated one or more of the following: (1) elimination of the grounds for which the debarment was imposed; (2) a bona fide change in ownership or management; (3) material evidence discovered after debarment was imposed; or (4) any other reason that is in the best interests of the County.
- h. The Contractor Hearing Board will consider a request for review of a debarment determination only where (1) the Contractor has been debarred for a period longer than five years; (2) the debarment has been in effect for at least five years; and (3) the request is in writing, states one or more of the grounds for reduction of the debarment period or termination of the debarment, and includes supporting documentation. Upon receiving an appropriate request, the Contractor Hearing Board will provide notice of the hearing on the request. At the hearing, the Contractor Hearing Board shall conduct a hearing where evidence on the proposed reduction of debarment period or termination of debarment is presented. This hearing shall be conducted and the request for review decided by the Contractor Hearing Board pursuant to the same procedures as for a debarment hearing.

The Contractor Hearing Board's proposed decision shall contain a recommendation on the request to reduce the period of debarment or terminate the debarment. The Contractor Hearing Board shall present its proposed decision and recommendation to the Board of Supervisors. The Board of Supervisors shall have the right to modify, deny, or adopt the proposed decision and recommendation of the Contractor Hearing Board.

- i. These terms shall also apply to subcontractors of County Contractors.

20. Consultant's Acknowledgement of County's Commitment to the Safely Surrendered Baby Law and Notice to Employees Regarding the Safely Surrendered Baby Law

The Consultant acknowledges that the County places a high priority on the implementation of the Safely Surrendered Baby Law. The Consultant understands that it is the County's policy to encourage all County Consultants to voluntarily post the County's "Safely Surrendered Baby Law" poster in a prominent position at the Consultant's place of business. The Consultant will also encourage its Subconsultants, if any, to post this poster in a prominent position in the Subconsultant's place of business. The County's Department of Children and Family Services will supply the Consultant with the poster to be used. Information on how to receive the poster can be found on the Internet at www.babysafela.org.

The Consultant shall notify and provide to its employees, and shall require each Subconsultant to notify and provide to its employees, a fact sheet regarding the Safely Surrendered Baby Law, its implementation in Los Angeles County, and where and how to safely surrender a baby. The fact sheet is available on the Internet at www.babysafela.org for printing purposes.

21. Contractor's Warranty of Adherence to County's Child Support Compliance Program

Contractor acknowledges that County has established a goal of ensuring that all individuals who benefit financially from County through Contract are in compliance with their court-ordered child, family, and spousal support obligations in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

As required by County's Child Support Compliance Program (County Code Chapter 2.200) and without limiting Contractor's duty under this Contract to comply with all applicable provisions of law, Contractor warrants that it is now in compliance and shall during the term of this Contract maintain compliance with employment and wage reporting requirements as required by the Federal Social Security Act (42 USC Section 653a) and California Unemployment Insurance Code Section 1088.5, and shall implement all lawfully served Wage and Earnings Withholding Orders or District Attorney Notices of Wage and Earnings Assignment for Child or Spousal Support, pursuant to Code of Civil Procedure Section 706.031 and Family Code Section 5246(b).

Failure of Contractor to maintain compliance with these requirements shall constitute a default by Contractor under this Contract.

22. County's Quality Assurance Plan

County, or its agent, will evaluate Consultant's performance under this Agreement on not less than an annual basis. Such evaluation will include assessing Consultant's compliance with all Contract terms and performance standards. Consultant deficiencies which County determines are severe or continuing, and that may place performance of the Agreement in jeopardy if not corrected, will be reported to the Board of Supervisors. The report will include improvement/corrective action measures taken by County and Consultant. If improvement does not occur consistent with the corrective action measures, County may terminate this Agreement or impose other penalties as specified in this Agreement.

23. County Rights

The County may employ, either during or after performance of this Contract, any right of recovery the County may have against the Consultant by any means it deems appropriate including, but not limited to, set-off, action at law or in equity, withholding, recoupment, or counterclaim. The rights and remedies of the County under this Contract are in addition to any right or remedy provided by California law.

24. Damage to County Facilities, Buildings or Grounds

- a. When applicable, the Consultant shall repair, or cause to be repaired, at its own cost, any and all damage to County facilities, buildings, or grounds caused by the Consultant or employees or agents of the Consultant. Such repairs shall be made immediately after the Consultant has become aware of such damage, but in no event later than thirty (30) days after the occurrence.
- b. If the Consultant fails to make timely repairs, County may make any necessary repairs. All costs incurred by County, as determined by County, for such repairs shall be repaid by the Consultant by cash payment upon demand.

25. Employment Eligibility Verification

Consultant warrants that it fully complies with all Federal statutes and regulations regarding employment of aliens and others, and that all its employees performing services hereunder meet the citizenship or alien status requirements contained in Federal statutes and regulations. Consultant shall obtain, from all covered employees performing services hereunder, all verifications and other documentation of employment eligibility status required by Federal statutes and regulations as they currently exist and as they may be hereafter amended. Consultant shall retain such

documentation for all covered employees for the period prescribed by law. Consultant shall indemnify, defend, and hold harmless County, its officers, and employees from employer sanctions and any other liability which may be assessed against Consultant or County in connection with any alleged violation of Federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Agreement.

26. Facsimile/Electronic Representations

The County and the Consultant hereby agree to regard facsimile/electronic representations of original signatures of authorized officers of each party, when appearing in appropriate places on the amendments prepared, and received via communications facilities, as legally sufficient evidence that such original signatures have been affixed to amendments to this Contract, such that the parties need not follow up facsimile/electronic transmissions of such documents with subsequent (non-facsimile/electronic) transmission of "original" versions of such documents.

27. Fair Labor Standards

Consultant shall comply with all applicable provisions of the Federal Fair Labor Standards Act, and shall indemnify, defend, and hold harmless County, its agents, officers, and employees from any and all liability including, but not limited to, wages, overtime pay, liquidated damages, penalties, court costs, and attorneys' fees arising under any wage and hour law including, but not limited to, the Federal Fair Labor Standards Act for services performed by Consultant's employees for which County may be found jointly or solely liable.

28. Force Majeure

- a. Neither party shall be liable for such party's failure to perform its obligations under and in accordance with this Contract, if such failure arises out of fires, floods, epidemics, quarantine restrictions, other natural occurrences, strikes, lockouts (other than a lockout by such party or any of such party's subconsultants), freight embargoes, or other similar events to those described above, but in every such case the failure to perform must be totally beyond the control and without any fault or negligence of such party (such events are referred to in this Paragraph as "force majeure events").
- b. Notwithstanding the foregoing, a default by a subconsultant of Consultant shall not constitute a force majeure event, unless such default arises out of causes beyond the control of both Consultant and such subconsultant, and without any fault or negligence of either of them. In such case, Consultant shall not be liable for failure to perform, unless the goods or services to be furnished by the subconsultant were obtainable from other sources in sufficient time to permit Consultant to meet the required performance schedule. As used in this sub-

paragraph, the term "subconsultant" and "subconsultants" mean subconsultants at any tier.

- c. In the event Consultant's failure to perform arises out of a force majeure event, Consultant agrees to use commercially reasonable best efforts to obtain goods or services from other sources, if applicable, and to otherwise mitigate the damages and reduce the delay caused by such force majeure event.

29. Governing Law, Jurisdiction, and Venue

This Contract shall be governed by, and construed in accordance with, the laws of the State of California. The Consultant agrees and consents to the exclusive jurisdiction of the courts of the State of California for all purposes regarding this Contract and further agrees and consents that venue of any action brought hereunder shall be exclusively in the County of Los Angeles.

30. Independent Consultant Status

This Agreement is by and between County of Los Angeles and Consultant and is not intended, and shall not be construed, to create the relationship of agent, servant, employee, partnership, joint venture, or association, as between County and Consultant. The employees and agents of one party shall not be, or be construed to be, the employees or agents of the other party for any purpose whatsoever.

The Consultant shall be solely liable and responsible for providing to, or on behalf of, all persons performing work pursuant to this Contract all compensation and benefits. The County shall have no liability or responsibility for the payment of any salaries, wages, unemployment benefits, disability benefits, Federal, State, or local taxes, or other compensation, benefits, or taxes for any personnel provided by or on behalf of the Consultant. Consultant understands and agrees that all persons furnishing services to County pursuant to this Agreement are, for purposes of Workers' Compensation liability, employees solely of Consultant and not of County.

Consultant shall bear the sole responsibility and liability for furnishing workers' compensation benefits to any person for injuries arising from, or connected with, services performed on behalf of Consultant pursuant to this Agreement.

31. Indemnification and Insurance

The Indemnification and Insurance Provisions are set forth in Attachment 2 of this Agreement.

32. Liquidated Damages

- a. If, in the judgment of the Director, or his/her designee, the Consultant is deemed to be non-compliant with the terms and obligations assumed hereby, the Director, or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided herein, may withhold the entire monthly payment or deduct pro rata from the Consultant's invoice for work not performed. A description of the work not performed and the amount to be withheld or deducted from payments to the Consultant from the County, will be forwarded to the Consultant by the Director, or his/her designee, in a written notice describing the reasons for said action.
- b. If the Director or his/her designee, determines that there are deficiencies in the performance of this Contract that the Director, or his/her designee, deems are correctable by the Consultant over a certain time span, the Director, or his/her designee, will provide a written notice to the Consultant to correct the deficiency within specified time frames. Should the Consultant fail to correct deficiencies within said time frame, the Director, or his/her designee, may: (a) Deduct from the Consultant's payment, pro rata, those applicable portions of the Monthly Contract Sum; and/or (b) Deduct liquidated damages. The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure of the Consultant to correct a deficiency within the specified time frame. The parties hereby agree that under the current circumstances a reasonable estimate of such damages is One Hundred Dollars (\$100) per day per infraction, and that the Consultant shall be liable to the County for liquidated damages in said amount. Said amount shall be deducted from the County's payment to the Consultant; and/or (c) Upon giving five (5) days notice to the Consultant for failure to correct the deficiencies, the County may correct any and all deficiencies and the total costs incurred by the County for completion of the work by an alternate source, whether it be County forces or separate private Consultant, will be deducted and forfeited from the payment to the Consultant from the County, as determined by the County.
- c. The action noted in this Paragraph shall not be construed as a penalty, but as adjustment of payment to the Consultant to recover the County cost due to the failure of the Consultant to complete or comply with the provisions of this Contract.
- d. This Paragraph shall not, in any manner, restrict or limit the County's right to damages for any breach of this Contract provided by law or as specified in Paragraph b above, and shall not, in any manner, restrict or limit the County's right to terminate this Contract as agreed to herein.

33. Most Favored Public Entity

If the Consultant's prices decline, or should the Consultant at any time during the term of this Contract provide the same goods or services under similar quantity and delivery conditions to the State of California or any county, municipality, or district of the State at prices below those set forth in this Contract, then such lower prices shall be immediately extended to the County.

34. Nondiscrimination and Affirmative Action

- a. The Consultant certifies and agrees that all persons employed by it, its affiliates, subsidiaries, or holding companies are and shall be treated equally without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations.
- b. The Consultant shall certify to, and comply with, the provisions of Consultant's EEO Certification.
- c. The Consultant shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, in compliance with all applicable Federal and State anti-discrimination laws and regulations. Such action shall include, but is not limited to: employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship.
- d. The Consultant certifies and agrees that it will deal with its subconsultants, bidders, or vendors without regard to or because of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation.
- e. The Consultant certifies and agrees that it, its affiliates, subsidiaries, or holding companies shall comply with all applicable Federal and State laws and regulations to the end that no person shall, on the grounds of race, color, religion, ancestry, national origin, sex, age, physical or mental disability, marital status, or political affiliation, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under this Contract or under any project, program, or activity supported by this Contract.
- f. The Consultant shall allow County representatives access to the Consultant's employment records during regular business hours to verify compliance with the provisions of this Paragraph when so requested by the County.
- g. If the County finds that any provisions of this Paragraph have been violated, such violation shall constitute a material breach of this Contract upon which the County

may terminate or suspend this Contract. While the County reserves the right to determine independently that the anti-discrimination provisions of this Contract have been violated, in addition, a determination by the California Fair Employment and Housing Commission or the Federal Equal Employment Opportunity Commission that the Consultant has violated Federal or State anti-discrimination laws or regulations shall constitute a finding by the County that the Consultant has violated the anti-discrimination provisions of this Contract.

- h. The parties agree that in the event the Consultant violates any of the anti-discrimination provisions of this Contract, the County shall, at its sole option, be entitled to the sum of Five Hundred Dollars (\$500) for each such violation pursuant to California Civil Code Section 1671 as liquidated damages in lieu of terminating or suspending this Contract.

35. Non Exclusivity

Nothing herein is intended nor shall be construed as creating any exclusive arrangement with the Consultant. This Contract shall not restrict Department from acquiring similar, equal or like goods and/or services from other entities or sources.

36. Notice of Delays

Except as otherwise provided under this Contract, when either party has knowledge that any actual or potential situation is delaying or threatens to delay the timely performance of this Contract, that party shall, within one (1) business day, give notice thereof, including all relevant information with respect thereto, to the other party.

37. Notice of Disputes

The Consultant shall bring to the attention of the County's Project Manager and/or County's Project Director any dispute between the County and the Consultant regarding the performance of services as stated in this Contract. If the County's Project Manager or County's Project Director is not able to resolve the dispute, the Director of Public Works, or his/her designee shall resolve it.

38. Notice to Employees Regarding the Federal Earned Income Credit

Consultant shall notify its employees, and shall require each subconsultant to notify its employees, that they may be eligible for the Federal Earned Income Credit under the Federal income tax laws. Such notice shall be provided in accordance with the requirement set forth in Internal Revenue Service Notice 1015.

39. Contractor CARD Track/Monitoring Database

The County maintains databases that track/monitor contractor performance history. Information entered into such databases may be used for a variety of purposes,

including determining whether the County will exercise a contract term extension option.

40. Notices

Any notice required or desired to be given pursuant to this Agreement shall be given in writing and addressed as follows:

COUNTY

Department of Public Works
Contracts and Business Affairs Division
Contracts and Operations, 8th Floor
900 South Fremont Avenue
Alhambra, CA 91803
(626) 300-2325

CONSULTANT

Leighton Consulting, Inc.
17781 Cowan
Irvine, CA 92614
(949) 250-1421

The address for notice may be changed by giving notice pursuant to this paragraph.

41. Ownership of County Materials

- a. Consultant and County agree that all materials, including but not limited to, designs, specifications, techniques, plans, reports, deliverables, data, photographs, diagrams, maps, images, graphics, text, videos, advertising, software, source codes, website plans and designs, interactive media, drafts, working papers, outlines, sketches, summaries, edited and/or unedited versions of deliverables, and any other materials or information developed under this Agreement and any and all Intellectual Property rights to these materials, including any copyrights, trademarks, service marks, trade secrets, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof, are and/or shall be the sole property of County (hereafter collectively, "County Materials"). Consultant hereby assigns and transfers to County all Consultant's right, title and interest in and to all such County Materials developed under this Agreement.

Notwithstanding such County ownership in the County Materials, Consultant may retain possession of working papers and materials prepared by Consultant under this Contract. During and for a minimum of five years subsequent to the term of this Contract, County shall have the right to inspect any and all such working papers and materials, make copies thereof and use the working papers and materials and the information contained therein.

- b. Consultant shall execute all documents requested by County and shall perform all other acts requested by County to assign and transfer to, and vest in County, all Consultant's right, title and interest in and to the County Materials, including, but not limited to, any and all copyrights, trademarks, service marks, trade names, unpatented inventions, patent applications, patents, design rights, domain name rights, know-how, and any other proprietary rights and derivatives thereof resulting from this Contract. County shall have the right to register all applicable copyrights, trademarks and patents in the name of the County of Los Angeles. Further, County shall have the right to assign, license, or otherwise transfer any and all County's rights, title and interest, including, but not limited to copyrights, trademarks, and patents, in and to the County Materials.
- c. Consultant represents and warrants that the County Materials prepared herein under this Agreement, are the original work of Consultant and do not infringe upon any Intellectual Property or proprietary rights of third parties. For those portions of the County Materials that are not the original work of Consultant, Consultant represents and warrants that it has secured all appropriate licenses, rights, and/or permission from appropriate third parties to include such materials in the County Materials.

Consultant shall defend, indemnify and hold County harmless against any claims by third parties based on infringement of copyright, patent, trade secret, trademark, or any other claimed Intellectual Property or proprietary right, arising from County's use of County Materials created and/or prepared by Consultant. Consultant will also indemnify and defend at its sole expense, any action brought against County based on a claim that County Materials furnished hereunder by Consultant and used within the scope of this Agreement infringe any copyright, patent, trade secret, trademark, or any other claimed intellectual property or proprietary right of third parties, and Consultant will pay any costs, damages and attorney's fees incurred by County. County will notify Consultant promptly and in writing of any such action or claim and will permit Consultant to fully participate in the defense thereof.

- d. Consultant shall affix the following notice to all County Materials: "© Copyright 2016 (or such other appropriate date of first publication), County of Los Angeles. All Rights Reserved." Consultant shall affix such notice on the title page of all images, photographs, documents and writings, and otherwise as County may direct.
- e. County shall also have the sole right to control the preparation, modification, and revisions to, all acknowledgment and/or attribution language for all County Materials resulting from this Agreement. County will however, honor requests by Consultant seeking removal of all acknowledgment and/or attribution language relating to the Consultant, should Consultant no longer wish to receive attribution for its work on the County Materials.

- f. If directed to do so by County, Consultant will place the County name and County logo on County Materials developed under this Agreement. Consultant may not, however, use the County name and County logo on any other materials prepared or developed by Consultant that falls outside the scope of this Agreement.

42. Prohibition Against Inducement or Persuasion

Notwithstanding the above, the Consultant and the County agree that, during the term of this Contract and for a period of one year thereafter, neither party shall in any way intentionally induce or persuade any employee of one party to become an employee or agent of the other party. No bar exists against any hiring action initiated through a public announcement.

43. Prohibition from Participation in Future Solicitation(s)

Neither Consultant nor any subsidiary of or subcontractor to Consultant shall participate in any way in any future solicitation conducted by County that includes or is based upon any solicitation document that is developed as a result of the services rendered by Consultant under this Agreement. As this prohibition applies to subcontractors of the Consultant, Consultant shall notify any subcontractors providing services under this Agreement of this prohibition before they commence work under this Agreement. Any response to a solicitation submitted by Consultant or by any subsidiary of or subcontractor to Consultant in violation of this provision shall be rejected by County. This provision shall survive the expiration or other termination of this Agreement.

44. Public Records Act

- a. Any documents submitted by the Consultant; all information obtained in connection with the County's right to audit and inspect the Consultant's documents, books, and accounting records pursuant to Record Retention and Inspection/Audit Settlement Paragraph of this Contract; as well as those documents which were required to be submitted in response to the Request for Proposals (RFP) used in the solicitation process for this Contract, become the exclusive property of the County. All such documents become a matter of public record and shall be regarded as public records. Exceptions will be those elements in the California Government Code Section 6250 et seq. (Public Records Act) and which are marked "trade secret," "confidential," or "proprietary." The County shall not in any way be liable or responsible for the disclosure of any such records including, without limitation, those so marked, if disclosure is required by law, or by an order issued by a court of competent jurisdiction.
- b. In the event the County is required to defend an action on a Public Records Act request for any of the aforementioned documents, information, books, records, and/or contents of a proposal marked "trade secret," "confidential," or "proprietary," the Consultant agrees to defend and indemnify the County from all

costs and expenses, including reasonable attorney's fees, in action or liability arising under the Public Records Act.

45. Publicity

- a. The Consultant shall not disclose any details in connection with this Contract to any person or entity except as may be otherwise provided hereunder or required by law. However, in recognizing the Consultant's need to identify its services and related clients to sustain itself, the County shall not inhibit the Consultant from publishing its role under this Contract within the following conditions:
 - i. The Consultant shall develop all publicity material in a professional manner; and
 - ii. During the term of this Contract, the Consultant shall not, and shall not authorize another to, publish or disseminate any commercial advertisements, press releases, feature articles, or other materials using the name of the County without the prior written consent of the County's Project Director. The County shall not unreasonably withhold written consent.
- b. The Consultant may, without the prior written consent of County, indicate in its proposals and sales materials that it has been awarded this Contract with the County of Los Angeles, provided that the requirements of this Paragraph shall apply.

46. Record Retention and Inspection/Audit Settlement

The Consultant shall maintain accurate and complete financial records of its activities and operations relating to this Contract in accordance with generally accepted accounting principles. The Consultant shall also maintain accurate and complete employment and other records relating to its performance of this Contract. The Consultant agrees that the County, or its authorized representatives, shall have access to and the right to examine, audit, excerpt, copy, or transcribe any pertinent transaction, activity, or record relating to this Contract. All such material, including, but not limited to, all financial records, bank statements, cancelled checks or other proof of payment, timecards, sign-in/sign-out sheets and other time and employment records, and proprietary data and information, shall be kept and maintained by the Consultant and shall be made available to the County during the term of this Contract and for a period of five (5) years thereafter unless the County's written permission is given to dispose of any such material prior to such time. All such material shall be maintained by the Consultant at a location in Los Angeles County, provided that if any such material is located outside Los Angeles County, then, at the County's option, the Consultant shall pay the County for travel, per diem, and other costs incurred by the County to examine, audit, excerpt, copy, or transcribe such material at such other location.

- a. In the event that an audit of the Consultant is conducted specifically regarding this Contract by any Federal or State auditor, or by any auditor or accountant employed by the Consultant or otherwise, then the Consultant shall file a copy of

such audit report with the County's Auditor-Controller within thirty (30) days of the Consultant's receipt thereof, unless otherwise provided by applicable Federal or State law or under this Contract. Subject to applicable law, the County shall make a reasonable effort to maintain the confidentiality of such audit report(s).

- b. Failure on the part of the Consultant to comply with any of the provisions of this Paragraph shall constitute a material breach of this Contract upon which the County may terminate or suspend this Contract.
- c. If, at any time during the term of this Contract or within five (5) years after the expiration or termination of this Contract, representatives of the County conduct an audit of the Consultant regarding the work performed under this Contract, and if such audit finds that the County's dollar liability for any such work is less than payments made by the County to the Consultant, then the difference shall be either: a) repaid by the Consultant to the County by cash payment upon demand or b) at the sole option of the County's Auditor-Controller, deducted from any amounts due to the Consultant from the County, whether under this Contract or otherwise. If such audit finds that the County's dollar liability for such work is more than the payments made by the County to the Consultant, then the difference shall be paid to the Consultant by the County by cash payment, provided that in no event shall the County's maximum obligation for this Contract exceed the funds appropriated by the County for the purpose of this Contract.

47. Recycled Bond Paper

Consistent with the Board of Supervisors' policy to reduce the amount of solid waste deposited at the County landfills, the Consultant agrees to use recycled-content paper to the maximum extent possible on this Contract.

48. Subcontracting

- a. The requirements of this Contract may not be subcontracted by the Consultant without the advance approval of the County. Subconsultants listed in the Consultant's Proposals are approved by County, unless otherwise indicated by County. Any attempt by the Consultant to subcontract without the prior consent of the County may be deemed a material breach of this Contract.
- b. If the Consultant desires to subcontract, the Consultant shall provide the following information promptly at the County's request.
 - A description of the work to be performed by the Subconsultant;
 - A draft copy of the proposed subcontract; and
 - Other pertinent information and/or certifications requested by the County.

- c. The Consultant shall indemnify and hold the County harmless with respect to the activities of each and every Subconsultant in the same manner and to the same degree as if such Subconsultant(s) were the Consultant employees.
- d. The County does not have contractual privity with the subconsultant. The Consultant shall remain fully responsible for all performances required of it under this Contract, including those that the Consultant has determined to subcontract. Consultant shall remain fully responsible for services rendered by any subconsultant pursuant to a subcontract between the Consultant and subconsultant.
- e. The Consultant shall be solely liable and responsible for all payments or other compensation to all Subconsultants and their officers, employees, agents, and successors in interest arising through services performed hereunder, notwithstanding the County's consent to subcontract.
- f. The Consultant shall obtain certificates of insurance, which establish that the Subconsultant maintains all the programs of insurance required by the County from each approved Subconsultant. The Consultant shall ensure delivery of all such documents to:

Department of Public Works
Contracts and Business Affairs Division
Contracts and Operations, 8th Floor
900 South Fremont Avenue
Alhambra, CA 91803
(626) 300-2325

before any Subconsultant employee may perform any work hereunder.

49. Supplemental/Amendment

- a. For any change which affects the scope of work, Term, Contract Sum, payments, or any term or condition included under this Contract, a Supplement or an Amendment shall be prepared and executed by the Consultant and by Director.
- b. The County's Board of Supervisors or Chief Executive Officer or designee may require the addition and/or change of certain terms and conditions in the Contract during the term of this Contract. The County reserves the right to add and/or change such provisions as required by the County's Board of Supervisors or Chief Executive Officer. To implement such changes, a Supplement or an Amendment to the Contract shall be prepared and executed by the Consultant and by the Director.
- c. The County, at its sole discretion, may authorize extensions of time as defined in Paragraph 7, Term. The Consultant agrees that such extensions of time shall not change any other term or condition of this Contract during the period of such extensions. To implement an extension of time, a Notice to the Consultant will be

prepared by County unless the term extension is applied automatically in accordance with Paragraph 7.c.

50. Termination for Breach of Warranty to Maintain Compliance with County's Child Support Compliance Program

Failure of the Contractor to maintain compliance with the requirements set forth in Contractor's Warranty of Adherence to County's Child Support Compliance Program Paragraph, shall constitute default under this Contract. Without limiting the rights and remedies available to the County under any other provision of this Contract, failure of the Contractor to cure such default within ninety (90) calendar days of written notice shall be grounds upon which the County may terminate this Contract pursuant to Termination for Default and pursue debarment of the Contractor, pursuant to County Code Chapter 2.202.

51. Termination for Breach of Warranty to Maintain Compliance with County's Defaulted Property Tax Reduction Program.

Failure of Contractor to maintain compliance with the requirements set forth in "Contractor's Warranty of Compliance with County's Defaulted Property Tax Reduction Program" shall constitute default under this contract. Without limiting the rights and remedies available to County under any other provision of this contract, failure of Contractor to cure such default within 10 days of notice shall be grounds upon which County may terminate this contract and/or pursue debarment of Contractor, pursuant to County Code Chapter 2.206.

52. Termination for Convenience

- a. This Contract may be terminated, in whole or in part, when such action is deemed by the County, in its sole discretion, to be in its best interest. Termination of work hereunder shall be effected by notice of termination to the Consultant specifying the extent to which performance of work is terminated and the date upon which such termination becomes effective. The date upon which such termination becomes effective shall be no less than three (3) days after the notice is sent.
- b. After receipt of a notice of termination and except as otherwise directed by the County, the Consultant shall 1) stop work under this Contract on the date and to the extent specified in such notice, and 2) complete performance of such part of the work as shall not have been terminated by such notice.
- c. All material including books, records, documents, or other evidence bearing on the costs and expenses of the Consultant under this Contract shall be maintained by the Consultant in accordance with Record Retention and Inspection/Audit Settlement Paragraph.
- d. County shall not incur any liability to Consultant, other than payment for work already performed, up to the date of termination.

53. Termination for Default

- a. The County may, by written notice to the Consultant, terminate the whole or any part of this Contract, if, in the judgment of County's Project Director:
 - Consultant has materially breached this Contract; or
 - Consultant fails to timely provide and/or satisfactorily perform any task, deliverable, service, or other work required either under this Contract; or
 - Consultant fails to demonstrate a high probability of timely fulfillment of performance requirements under this Contract, or of any obligations of this Contract and in either case, fails to demonstrate convincing progress toward a cure within five (5) working days (or such longer period as the County may authorize in writing) after receipt of written notice from the County specifying such failure.
- b. In the event that the County terminates this Contract in whole or in part as provided in this Paragraph, the County may procure, upon such terms and in such manner as the County may deem appropriate, goods and services similar to those so terminated. The Consultant shall be liable to the County for any and all excess costs incurred by the County, as determined by the County, for such similar goods and services. The Consultant shall continue the performance of this Contract to the extent not terminated under the provisions of this sub-paragraph.
- c. Except with respect to defaults of any Subconsultant, the Consultant shall not be liable for any such excess costs of the type identified in above sub-paragraph if its failure to perform this Contract arises out of causes beyond the control and without the fault or negligence of the Consultant. Such causes may include, but are not limited to: acts of God or of the public enemy, acts of the County in either its sovereign or contractual capacity, acts of Federal or State governments in their sovereign capacities, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case, the failure to perform must be beyond the control and without the fault or negligence of the Consultant. If the failure to perform is caused by the default of a Subconsultant, and if such default arises out of causes beyond the control of both the Consultant and Subconsultant, and without the fault or negligence of either of them, the Consultant shall not be liable for any such excess costs for failure to perform, unless the goods or services to be furnished by the Subconsultant were obtainable from other sources in sufficient time to permit the Consultant to meet the required performance schedule. As used in this Paragraph, the term "Subconsultant(s)" means Subconsultant(s) at any tier.
- d. If, after the County has given notice of termination under the provisions of this Paragraph, it is determined by the County that the Consultant was not in default under the provisions of this Paragraph, or that the default was excusable under the provisions of Paragraph, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Termination for

Convenience Paragraph.

- e. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

54. Termination for Improper Consideration

County may, by written notice to Consultant, immediately terminate the right of Consultant to proceed under this Agreement if it is found that consideration, in any form, was offered or given by Consultant, either directly or through an intermediary, to any County officer, employee, or agent with the intent of securing the Agreement or securing favorable treatment with respect to the award, amendment, or extension of the Agreement or the making of any determinations with respect to Consultant's performance pursuant to the agreement. In the event of such termination, County shall be entitled to pursue the same remedies against Consultant as it could pursue in the event of default by Consultant.

Consultant shall immediately report any attempt by a County officer or employee to solicit such improper consideration. The report shall be made either to County manager charged with the supervision of the employee or to County Auditor-Controller's Employee Fraud Hotline at (213) 974-0914 or (800) 544-6861.

Among other items, such improper consideration may take the form of cash, discounts, service, the provision of travel or entertainment, or tangible gifts.

55. Termination for Insolvency

- a. The County may terminate this Contract forthwith in the event of the occurrence of any of the following: 1) Insolvency of the Consultant. The Consultant shall be deemed to be insolvent if it has ceased to pay its debts for at least sixty (60) days in the ordinary course of business or cannot pay its debts as they become due, whether or not a petition has been filed under the Federal Bankruptcy Code and whether or not the Consultant is insolvent within the meaning of the Federal Bankruptcy Code; 2) The filing of a voluntary or involuntary petition regarding the Consultant under the Federal Bankruptcy Code; 3) The appointment of a Receiver or Trustee for the Consultant; or 4) The execution by the Consultant of a general assignment for the benefit of creditors.
- b. The rights and remedies of the County provided in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

56. Termination for Non-Adherence of County Lobbyist Ordinance

The Contractor, and each County Lobbyist or County Lobbying firm as defined in County Code Section 2.160.010 retained by the Contractor, shall fully comply with the County's Lobbyist Ordinance, County Code Chapter 2.160. Failure on the part of the Contractor or any County Lobbyist or County Lobbying firm retained by the Contractor to fully comply with the County's Lobbyist Ordinance shall constitute a material breach of this Contract, upon which the County may in its sole discretion, immediately terminate or suspend this Contract.

57. Termination For Non-Appropriation of Funds

Notwithstanding any other provision of this Contract, the County shall not be obligated for the Consultant's performance hereunder or by any provision of this Contract during any of the County's future fiscal years unless and until the County's Board of Supervisors appropriates funds for this Contract in the County's Budget for each such future fiscal year. In the event that funds are not appropriated for this Contract, then this Contract shall terminate as of June 30 of the last fiscal year for which funds were appropriated. The County shall notify the Consultant in writing of any such non-allocation of funds at the earliest possible date.

58. Time Off for Voting

The Consultant shall notify its employees, and shall require each subconsultant to notify and provide to its employees, information regarding the time off for voting law (Elections Code Section 14000). Not less than 10 days before every statewide election, every Consultant and subconsultants shall keep posted conspicuously at the place of work, if practicable, or elsewhere where it can be seen as employees come or go to their place of work, a notice setting forth the provisions of Section 14000.

59. Warranty of Compliance with County's Defaulted Property Tax Reduction Program

Contractor acknowledges that County has established a goal of ensuring that all individuals and businesses that benefit financially from County through contract are current in paying their property tax obligations (secured and unsecured roll) in order to mitigate the economic burden otherwise imposed upon County and its taxpayers.

Unless Contractor qualifies for an exemption or exclusion, Contractor warrants and certifies that to the best of its knowledge it is now in compliance, and during the term of this contract will maintain compliance, with Los Angeles County Code Chapter. 2.206.

60. Validity

If any provision of this Contract or the application thereof to any person or circumstance is held invalid, the remainder of this Contract and the application of such provision to other persons or circumstances shall not be affected thereby.

61. Waiver

No waiver by the County of any breach of any provision of this Contract shall constitute a waiver of any other breach or of such provision. Failure of the County to enforce at any time, or from time to time, any provision of this Contract shall not be construed as a waiver thereof. The rights and remedies set forth in this Paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

62. Warranty Against Contingent Fees

- a. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon any Contract or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business.
- b. For breach of this warranty, the County shall have the right to terminate this Contract and, at its sole discretion, deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

63. Prevailing Wage Requirements

This work includes prevailing wage and non-prevailing wage work.

a. Prevailing Wages

When applicable, the services provided in this Contract constitute "public works" as defined in California Labor Code 1720, and are therefore subject to payment of prevailing wages, compliance monitoring and enforcement by the Department of Industrial Relations (DIR).

The Director of the DIR has established the general prevailing rate of per diem wages for each craft, classification, type of worker, or mechanic needed to execute public works and improvements. The current general prevailing wage rate determinations are available at www.dir.ca.gov/dlsr/pwd/index.htm. The Contractor is required to pay its agents and employees the applicable, current prevailing wage rate and is responsible for selecting the classification of workers required to perform this service.

The Contractor agrees to comply with the provisions of Section 1775 of the California Labor Code relating to the payment of prevailing wages, the utilization of apprentices in accordance to LC 1777.5, and the assessment of penalties determined by the California Labor Commissioner. Pursuant to Section 1773.2 of the California Labor Code, copies of the prevailing rate of per diem wages are on file at the County Department of Public Works, Construction Division, and will be

made available for inspection by request to the Contract Administrator. Future effective wage rates will be on file with the Department of Industrial Relations. The new wage rates shall become effective on the day following the expiration date of the current determinations and apply to the Contract in the same manner as if they had been included or referenced in the Contract.

b. Work Records

The Contractor shall comply with the requirements of Section 1812 of the Labor Code. The Contractor shall maintain an accurate written record of all employees working on the project each calendar day. The record shall include each employee's name, Social Security number, job classification, and the actual number of hours worked.

c. Posting of Notices

The Contractor shall comply with the provisions of Section 1773.2 of the Labor Code. The Contractor shall post a copy of the prevailing wage rates at the worksite and comply with applicable law including posting of jobsite notices required by 8 California Code Reg. §16451(d):

"This public works project is subject to monitoring and investigative activities by the Compliance Monitoring Unit (CMU) of the Division of Labor Standards Enforcement, Department of Industrial Relations, State of California. This Notice is intended to provide information to all workers employed in the execution of the Contract for public work and to all contractors and other persons having access to the jobsite to enable the CMU to ensure compliance with and enforcement of prevailing wage laws on public works projects.

The prevailing wage laws require that all workers be paid at least the minimum hourly wage as determined by the Director of Industrial Relations for the specific classification (or type of work) performed by workers on the project. These rates are listed on a separate jobsite posting of minimum prevailing rates required to be maintained by the public entity, which awarded the public works Contract. Complaints concerning nonpayment of the required minimum wage rates to workers on this project may be filed with the CMU at any office of the Division of Labor Standards Enforcement (DLSE).

Local Office Telephone Number:

*Division of Labor Standards Enforcement Office
320 West Fourth Street, Suite 450
Los Angeles, CA 90013
(213) 620-6330*

Complaints should be filed in writing immediately upon discovery of any violations of the prevailing wage laws due to the short period of time following the

completion of the project that the CMU may take legal action against those responsible.

Complaints should contain details about the violations alleged (for example, wrong rate paid, not all hours paid, overtime rate not paid for hours worked in excess of 8 hours per day or 40 hours per week, etc.) as well as the name of the employer, the public entity which awarded the public works Contract, and the location and name of the project.

For general information concerning the prevailing wage laws and how to file a complaint concerning any violation of these prevailing wage laws, you may contact any DLSE office. Complaint forms are also available at the Department of Industrial Relations website found at <http://www.dir.ca.gov/Public-Works/PublicWorks.html>."

d. Certified Payroll Records

The Contractor shall comply with the requirements of Section 1776 of the Labor Code. Contractor and Subcontractors, if any, must furnish certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement) in a format prescribed by the Labor Commissioner.

- e. When requested by the County, electronic certified payroll records must be submitted to the County, through an online system designated by the County.

64. Mental Health Services for Critical Incidents

In the event of a serious accident on the Project site, the Los Angeles County Department of Mental Health (DMH) will, if requested, respond. The response may be within a few hours or as long as a few days after the incident, depending on when the request was made. The services DMH will provide include crisis intervention, normalization of the stress response that survivors may be experiencing, stress management techniques and resources if the stress reactions increase in frequency or intensity. Requests for services may be made by calling the DMH Emergency Outreach Bureau Deputy Director, (213) 738-4924, during normal business hours or the ACCESS Center, (800) 854-7771, evenings, holidays, and weekends.

65. Local Small Business Enterprise Utilization: When requested by the County, the Consultant shall provide to the County via methods specified by the County, such as submission of electronic live (or dynamic) data on invoices for the prime and all subcontractors using County-designated third party software system or to a County approved website, or other means of submitting expenditure information on subconsultants, including but not limited to the following information: the name, business address and telephone number/email address of each subconsultant.

In addition, the Consultant shall be required to provide each of the specified subconsultant's Local Small Business Enterprise (SBE), Disabled Veterans Enterprise

(DBVE), and Social Enterprise status (i.e., whether any of the listed subcontractors are Local SBE's) and the proposed monetary amount of the work the subconsultant will perform on each Notice to Proceed. At the time of submittal of each invoice, the consultant shall indicate, via methods specified by the County, the actual dollar amounts paid to each listed subconsultant who performed work on the project. The subconsultant may be requested to confirm receipt of the actual payment to the subconsultant by the prime.

The parties agree that it will be impracticable or extremely difficult to fix the extent of actual damages resulting from the failure to the Contractor to comply with this Article. The parties will agree that under the current circumstances a reasonable estimate of such damages is specified in this Consultant Services Agreement, Paragraph 32, Liquidated Damages, and that the Consultant shall be liable to the County for said amount.

If in the judgment of the Director, or his/her designee, the Consultant is deemed to be in non-compliance with the terms and obligations, the Director or his/her designee, at his/her option, in addition to, or in lieu of, other remedies provided in the Consultant Services Agreement, may deduct and withhold liquidated damages from County's final payment to the Consultant.

66. Compliance with County's Zero Tolerance Human Trafficking

Consultant acknowledges that the County has established a Zero Tolerance Human Trafficking Policy prohibiting consultants from engaging in human trafficking.

If a Consultant or member of Consultant's staff is convicted of a human trafficking offense, the County shall require that the Consultant or member of Consultant's staff be removed immediately from performing services under the Contract. County will not be under any obligation to disclose confidential information regarding the offenses other than those required by law.

Disqualification of any member of Consultant's staff pursuant to this paragraph shall not relieve Consultant of its obligation to complete all work in accordance with the terms and conditions of this Contract.

67. Entire Agreement

This Contract constitutes the entire Agreement between County and Consultant and may be modified only by further written Agreement between the parties hereto.

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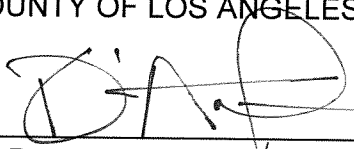
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IN WITNESS WHEREOF, the County has, by order of its Board of Supervisors, caused these presents to be subscribed by the Director of the Department of Public Works, and the Consultant has hereunto subscribed its corporate name and affixed its corporate seal by its duly authorized officers the day, month, and year herein first above written.

COUNTY OF LOS ANGELES

LEIGHTON CONSULTING, INC.

By


Deputy Director
Department of Public Works

By


President


By


Secretary

APPROVED AS TO FORM:

MARY C. WICKHAM
County Counsel

By


Deputy County Counsel

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

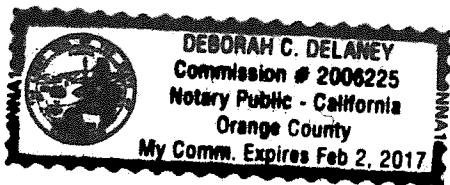
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
 County of Orange)
 On 11/7/16 before me, Deborah C. Delaney, Notary Public
 Date Here Insert Name and Title of the Officer
 personally appeared Thomas C. Benson, Jr.
 Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Deborah C. Delaney
 Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____
 Document Date: _____ Number of Pages: _____
 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
 Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
 Signer Is Representing: _____

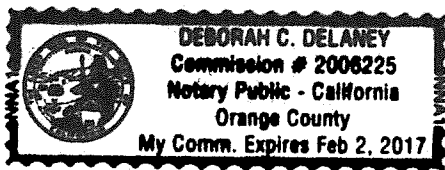
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
 County of Orange)
 On 11/4/16 before me, Deborah C. Delaney, Notary Public
Date Here Insert Name and Title of the Officer
 personally appeared Joseph A. Dean
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Deborah C. Delaney
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

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Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
 Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
 Signer Is Representing: _____

November 1, 2016

ATTACHMENT 1
**AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,
AND COMPLIANCE SERVICES**
LEIGHTON CONSULTING, INC.

The services to be rendered by the Consultant shall include all services and provisions as described in the County's Request for Proposals dated November 24, 2015, all Notice to Proposers, and the Consultant's proposal dated January 12, 2016, except to the extent they are inconsistent with this attachment and the terms of this Agreement. Consultant's work shall consist of all such services as are customarily rendered when providing as-needed environmental assessment, remediation, and compliance services. The work shall include, but not be limited to, the following:

SCOPE OF SERVICES

1. Conduct Phase I Environmental Site Assessments (ESAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase I ESAs and reports shall be compliant with current USEPA (including All Appropriate Inquiries: 40 CFR Part 312, November 1, 2005), ASTM (including E 1527-05 and E1527-13) standards, and ASTM E-2600-10 Vapor Encroachment Screening Standards or equivalent, as well as with other applicable standards and local, State, and Federal guidelines, and the County of Los Angeles Department of Public Works (Public Works) specifications.
2. Prepare Initial Studies (ISs), Environmental Impact Reports (EIRs) and Environmental Impact Statements (EISs), in compliance with the California Environmental Quality Act, and the National Environmental Policy Act, as well as in compliance with other applicable local, State, and Federal guidelines and standards, and Public Works specifications.
3. Conduct Preliminary Endangerment Assessments (PEAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. PEAs shall be compliant with DTSC and any other applicable standards; local, State, and Federal guidelines; and Public Works Specifications. Public Works may require Consultant's American Board of Industrial Hygiene Certified Industrial Hygienist (CIH) and/or Diplomate of the American Board of Toxicology (DABT) to prepare and sign PEAs.
4. Conduct Phase II ESAs and prepare reports presenting the findings, conclusions, and recommendations resulting from the assessments. Phase II ESAs, underground storage tank (UST) release investigations, work plans, groundwater

monitoring reports, consultant's Health and Safety Plan (HSPs), and all related reports shall be compliant with current USEPA, CFR, and ASTM guidelines and standards. Phase II ESAs, reports, and plans shall also fulfill the requirements and guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Public Works may require consultant's HSPs to be signed by the Consultant's CIH.

5. Conduct Risk Assessment Analyses (RAAs)/Health Risk Assessments (HRAs) and prepare reports presenting the findings, conclusions, and recommendations resulting from the analyses. The RAAs/HRAs shall be compliant with USEPA and any other applicable local, State, and Federal guidelines and regulations, and Public Works specifications. Public Works may require Consultant's CIH and/or DABT to prepare and sign the RAAs/HRAs.
6. Conduct Phase III environmental site remedial activities and prepare reports presenting the findings, conclusions, and recommendations resulting from the remedial activities. Remediation reports, as well as UST removal and closure reports, remedial action plans, pilot test reports, technical reports, consultant HSPs, and site closure reports, shall be compliant with USEPA, CFR, and ASTM guidelines and standards and fulfill the requirements and follow the guidelines of applicable local, State, and Federal regulators, as well as any Public Works specifications. Consultant HSPs shall be approved and signed by Consultant's CIH. Remedial excavation designs may require approvals from a California Professional Civil Engineer and Certified compaction reports may be required for backfilling of remedial excavations.
7. Collect, analyze, characterize, and profile soil, groundwater, and other substance and material samples in accordance with ASTM and USEPA standards and local, State, and Federal guidelines. Sampling and analytical testing procedures shall follow proper Chain-of-Custody protocols and satisfy Public Works and contract laboratory requirements. All Consultant contract laboratories shall be State-certified Environmental Laboratories and shall be pre-approved by Public Works.
8. Public Works will review and approve the waste transporter provider, waste disposal method, waste disposal contractor, and the waste disposal facility proposed by the Consultant for processing hazardous and non-hazardous soil, water, free-product, and other waste materials generated from environmental and construction projects. Public Works may dictate that the Consultant use a specific waste disposal transporter, waste disposal method, and/or waste disposal contractor/facility. Public Works will generally require that all soil, water, free-product, and other wastes be recycled/treated and not landfilled, unless the waste composition/contamination precludes recycling/treatment. All hazardous/non-hazardous waste manifests are only to be signed by authorized Public Works personnel.

9. Prepare HSPs for Public Works personnel working on Public Works projects. HSPs shall be approved and signed by the Consultant's CIH. HSPs shall be compliant with OSHA requirements set forth in 29 CFR 1910, as well as any other applicable local, State, or Federal requirements. Public Works may supply a draft HSP that is to be reviewed, modified, and signed by the Consultant's CIH.
10. Prepare, submit, and process applications, reports, and other documents as required to obtain permits related to environmental projects or associated construction projects. These permits may include, but are not limited to, NPDES, AQMD, WDR, UST, encroachment, access, temporary construction, drilling, excavation, utility, and well construction/destruction permits. Permits may require the Consultant to perform monthly and final regulatory submittals, regulatory notifications, record keeping, and other procedures. The Consultant may also be required to perform Dig Alert (Underground Service Alert) demarcations and notifications.
11. Provide air monitoring and record keeping as required by AQMD Rule 1166, and as requested by Public Works specifications.
12. Conduct comprehensive hazardous building materials property-condition surveys of County facilities and other facilities that interest the County where renovation or demolition activities may take place. For these facilities, develop comprehensive hazardous-materials abatement plans that establish requirements and provide scopes of work for performing the abatements, and provide estimated quantities of hazardous materials, abatement cost estimates, and recommendations for managing abatement wastes. The survey shall be managed by appropriately experienced, certified and/or licensed professionals. Substances that may be tested by the consultant's State-certified Analytical Laboratory may include, but are not limited to, asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, and mold.
13. Provide services for abating asbestos-containing materials, lead-based paint, PCB-containing light ballasts, florescent light tubes, tritium-based exit signs, mercury-based thermometers, mold, and other hazardous building materials and related substances from County facilities. Services must be performed in accordance with a hazardous materials abatement plan, using qualified personnel employed by a licensed contractor, possessing all necessary licenses and permits, and providing all required regulatory notifications.
14. Provide services for County-owned fueling stations with either aboveground or underground fuel storage tanks, or both, at various Los Angeles County facilities. Services may include performing fuel system inspections, repairs, maintenance, and upgrades; performing tank integrity testing; preparing and submitting permit

applications and design drawings; preparing business plans; expediting permit issuances; responding to and correcting Notice of Violations (NOVs); and obtaining and uploading required information into the California Environmental Reporting System (CERS).

15. Process and submit reimbursement packages to the State of California Underground Storage Tank Cleanup Fund, including Geotracker data uploading.
16. Conduct hydrogeologic and hydrologic investigations that include percolation and infiltration rate tests, aquifer tests (including aquifer capacity tests, pump tests, and slug tests), and other appropriate analyses and testing. Design and assemble dewatering systems based upon the NPDES permit either acquired by Public Works or Consultant. Perform well and piezometer installations, rehabilitations, abandonments (including oil wells), and assessments.
17. Perform geophysical surveys for utility clearance, identifying natural geologic structures, and locating manmade items, such as buried drums, pipelines, and storage tanks. Perform electric well logging and borehole geophysics. Geophysical survey reports are to provide interpretations of subsurface conditions by utilizing colored cross-sections, 3-dimensional figures, and/or contour maps. A State of California Professional Geophysicist shall supervise all geophysical survey work and sign all reports and technical documentation.
18. Perform agronomic studies for identifying soil conditions necessary for proper special-purpose plant production or for soil conditions that are not conducive to specific plant growth.
19. Perform biological assessments to evaluate the conditions of waterbodies using surveys and other direct measurements of resident biological organisms (macroinvertebrates, fish, and plants). Perform preliminary jurisdictional assessments and delineations, such as for identifying established wetlands. Perform general habitat assessments. Provide resource agency permit processing and coordination with entities such as the California Department of Fish and Wildlife, U.S. Fish and Wildlife Service, U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and the California Coastal Commission.
20. Provide consultation, advice, alternatives, and recommendations to Public Works regarding any environmental-, health-, or compliance-related concerns.
21. Provide project management and oversight of primary contract-hired or Public Works-hired contractors and subcontractors with regard to environmental, health, or compliance related activities.

22. Public Works reserves the right to utilize both in-house and Public Works-contracted drilling crews, construction crews, surveyors, and environmental laboratories outside of the Consultant's contract in conjunction with the requested Scope of Services.
23. Investigations, assessments, remedial actions, and related activities must be conducted by or under the direct supervision of the Consultant's State of California Professional Geologist. For projects involving hazardous building material assessments, toxicological or biological/agronomical studies, health and safety/industrial hygiene-related issues, or other related matters, supervision and document signatures should be performed by the respective, appropriately trained/certified, and experienced professionals. Reports, work plans, drawings, boring logs, collected data, and related documentation produced for Public Works projects must be approved and signed by the Consultant's State of California Professional Geologist. In some instances, Public Works may require the involvement and/or signature of a State of California Certified Engineering Geologist, State of California Certified Hydrogeologist, State of California Professional Geophysicist, State of California Professional Civil Engineer, State of California Professional Geotechnical Engineer, CIH, or DABT.
24. Consultant's State of California Professional Geologist, and other staff, will meet with Public Works staff to discuss the scope of work and cost estimates, may attend pre-construction and ongoing construction meetings, may attend health and safety meetings, may provide project progress reports, and provide information on other subjects related to projects, as frequently as Public Works deems necessary. At Public Works' request, Consultant's Professional Geologist, and other staff, may represent or assist Public Works in meetings with regulatory agencies, other agencies and districts, and with private and public organizations and groups.
25. Provide four full-colored hard copies and one full-colored electronic copy (in pdf format) of all project reports, HSPs, permit documents, data sets, analyses, work plans, and any other specified work products, to the Public Works project manager. The type and number of deliverables may be modified by Public Works on an individual project basis.

It is not expected that Consultant will be able to perform all of the services listed above. However, specialization in a majority of these services utilizing full-time, in-house licensed and/or certified professionals is required to meet Public Works' needs.

DELIVERABLES

Deliverables will vary and will be determined by Public Works for each project.

SCHEDULE

The term of this Agreement shall be for a period of one year commencing on the date of the full execution of the contract. At the sole discretion of the County, this Agreement may be extended for four additional one-year terms, not to exceed a total contract period of five years. No work will proceed until a Notice to Proceed is issued by the County.

If the County authorizes the Consultant in writing to perform services on a given project prior to the stated expiration date, but thereafter such services are not completed by the stated expiration date, then the expiration of the Agreement shall be automatically extended solely to allow for the completion of such services. County may authorize unforeseen additional services and extend the contract expiration date as necessary to complete those services when the unforeseen additional services are directly related to the initial scope of work and are necessary for the completion of a given project.

The consultant will be issued a Notice to Proceed by Public Works prior to the commencement of services for each particular project. The Consultant shall provide a schedule within five working days after the issue date of the project Notice to Proceed, or as directed by Public Works, indicating the start and completion dates of the anticipated work. Public Works may dictate the starting and completion dates for the project assigned to the Consultant.

Work shall be performed on an as-needed basis. Specified services shall be available on an as-needed basis.

COMPENSATION

Compensation will be negotiated for each particular project. Compensation for services shall be based on the percentage of tasks completed. In instances when project requirements extend beyond the original project-specific Scope of Work, any additional work shall be negotiated between Public Works and the Consultant prior to Public Works issuing a supplemental Notice to Proceed.

Public Works reserves the right to delete specific portions of any project-specific Scope of Work after the Notice to Proceed has been issued or to add tasks beyond the additional Scope of Work, which will require negotiation between Public Works and the Consultant for compensation.

Public Works will not pay a mark-up on hourly rates for the services of any subconsultants that were included in Consultant's original proposal. Public Works will not pay a mark-up on hourly rates for the services of any Consultant employee or

subconsultant that were included in Consultant's original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.

Consultant must have prior written permission from Public Works to use any subconsultants not included in Consultant's original proposal.

Public Works will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the Scope of Services. Public Works will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.

The Consultant shall submit monthly invoices to Public Works for review and approval. Invoices shall conform to Public Works' Invoicing Instructions and shall not be submitted more than once per month per project. Each invoice shall provide copies of all supporting documentation, including but not limited to, time sheets, subconsultant invoices (including subconsultant's supporting documentation), permit payments, and purchase orders. Any mark-ups on subconsultant work shall be clearly stated. **Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable, unless pre-approved by the County in writing.**

Along with the monthly invoice, the Consultant shall also submit the following documents on a monthly schedule: 1) an individual Invoice Summary for each project that lists all invoices and itemizes all charges to date; and 2) a combined Invoice Summary for all projects (ongoing and completed) that lists all invoices and itemizes all charges to date.

Consultant shall be paid on an hourly basis according to the job title and hourly rate of each employee performing the work as set forth in the Consultant's Schedule of Fees (ATTACHMENT 3).

Any related-work requested but not listed in the Schedule of Fees shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County only if pre-approved by the County.

INDEMNIFICATION AND INSURANCE PROVISION

I. INDEMNIFICATION

The Contractor shall indemnify, defend and hold harmless the County, its Special Districts, elected and appointed officers, employees, agents and volunteers ("County Indemnitees") from and against any and all liability, including but not limited to demands, claims, actions, fees, costs and expenses (including attorney and expert witness fees), arising from and/or relating to this Contract, except for such loss or damage arising from the sole negligence or willful misconduct of the County Indemnitees.

II. GENERAL PROVISIONS FOR ALL INSURANCE COVERAGE

Without limiting Contractor's indemnification of County, and in the performance of this Contract and until all of its obligations pursuant to this Contract have been met, Contractor shall provide and maintain at its own expense insurance coverage satisfying the requirements specified in paragraphs II and III of this Attachment. These minimum insurance coverage terms, types and limits (the "Required Insurance") also are in addition to and separate from any other contractual obligation imposed upon Contractor pursuant to this Contract. The County in no way warrants that the Required Insurance is sufficient to protect the Contractor for liabilities which may arise from or relate to this Contract.

A. Evidence of Coverage and Notice to County

- Certificate(s) of insurance coverage (Certificate) satisfactory to County, and a copy of an Additional Insured endorsement confirming County and its Agents (defined below) has been given Insured status under the Contractor's General Liability policy, shall be delivered to County at the address shown below and provided prior to commencing services under this Contract.
- Renewal Certificates shall be provided to County not less than 10 days prior to Contractor's policy expiration dates. The County reserves the right to obtain complete, certified copies of any required Contractor and/or Sub-Contractor insurance policies at any time.
- Certificates shall identify all Required Insurance coverage types and limits specified herein, reference this Contract by name or number, and be signed by an authorized representative of the insurer(s). The Insured party named on the Certificate shall match the name of the Contractor identified as the contracting party in this Contract. Certificates shall provide the full name of each insurer providing coverage, its NAIC (National Association of Insurance Commissioners) identification number, its financial rating, the amounts of any policy deductibles or

self-insured retentions exceeding fifty thousand (\$50,000.00) dollars, and list any County required endorsement forms.

- Neither the County's failure to obtain, nor the County's receipt of, or failure to object to a non-complying insurance certificate or endorsement, or any other insurance documentation or information provided by the Contractor, its insurance broker(s) and/or insurer(s), shall be construed as a waiver of any of the Required Insurance provisions.

Certificates and copies of any required endorsements shall be emailed to the Contract Administrator.

Contractor also shall promptly report to County any injury or property damage accident or incident, including any injury to a Contractor employee occurring on County property, and any loss, disappearance, destruction, misuse, or theft of County property, monies or securities entrusted to Contractor. Contractor also shall promptly notify County of any third party claim or suit filed against Contractor or any of its Sub-Contractors which arises from or relates to this Contract, and could result in the filing of a claim or lawsuit against Contractor and/or County.

B. Additional Insured Status and Scope of Coverage

The County of Los Angeles, its Special Districts, Elected Officials, Officers, Agents, Employees and Volunteers (collectively County and its Agents) shall be provided additional insured status under Contractor's General Liability policy with respect to liability arising out of Contractor's ongoing and completed operations performed on behalf of the County. County and its Agents additional insured status shall apply with respect to liability and defense of suits arising out of the Contractor's acts or omissions, whether such liability is attributable to the Contractor or to the County. The full policy limits and scope of protection also shall apply to the County and its Agents as an additional insured, even if they exceed the County's minimum Required Insurance specifications herein. Use of an automatic additional insured endorsement form is acceptable providing it satisfies the Required Insurance provisions herein.

C. Cancellation of or Changes in Insurance

Contractor shall provide County with, or Contractor's insurance policies shall contain a provision that County shall receive, written notice of cancellation or any change in Required Insurance, including insurer, limits of coverage, term of coverage or policy period. The written notice shall be provided to County at least ten (10) days in advance of cancellation for non-payment of premium and thirty (30) days in advance for any other cancellation or policy change. Failure to provide written notice of cancellation or any change in Required Insurance may constitute a material breach of the Contract, in the sole discretion of the County, upon which the County may suspend or terminate this Contract.

D. Failure to Maintain Insurance

Contractor's failure to maintain or to provide acceptable evidence that it maintains the Required Insurance shall constitute a material breach of the Contract, upon which County immediately may withhold payments due to Contractor, and/or suspend or terminate this Contract. County, at its sole discretion, may obtain damages from Contractor resulting from said breach. Alternatively, the County may purchase the Required Insurance, and without further notice to Contractor, deduct the premium cost from sums due to Contractor or pursue Contractor reimbursement.

E. Insurer Financial Ratings

Coverage shall be placed with insurers acceptable to the County with A.M. Best ratings of not less than A:VII unless otherwise approved by County.

F. Contractor's Insurance Shall Be Primary

Contractor's insurance policies, with respect to any claims related to this Contract, shall be primary with respect to all other sources of coverage available to Contractor. Any County maintained insurance or self-insurance coverage shall be in excess of and not contribute to any Contractor coverage.

G. Waivers of Subrogation

To the fullest extent permitted by law, the Contractor hereby waives its rights and its insurer(s)' rights of recovery against County under all the Required Insurance for any loss arising from or relating to this Contract. The Contractor shall require its insurers to execute any waiver of subrogation endorsements which may be necessary to effect such waiver.

H. Sub-Contractor Insurance Coverage Requirements

Contractor shall include all Sub-Contractors as insureds under Contractor's own policies, or shall provide County with each Sub-Contractor's separate evidence of insurance coverage. Contractor shall be responsible for verifying each Sub-Contractor complies with the Required Insurance provisions herein, and shall require that each Sub-Contractor name the County and Contractor as additional insureds on the Sub-Contractor's General Liability policy. Contractor shall obtain County's prior review and approval of any Sub-Contractor request for modification of the Required Insurance.

I. Deductibles and Self-Insured Retentions (SIRs)

Contractor's policies shall not obligate the County to pay any portion of any Contractor deductible or SIR. The County retains the right to require Contractor to reduce or eliminate policy deductibles and SIRs as respects the County, or to provide a bond guaranteeing Contractor's payment of all deductibles and SIRs, including all related claims investigation, administration and defense expenses. Such bond shall be executed by a corporate surety licensed to transact business in the State of California.

J. Claims Made Coverage

If any part of the Required Insurance is written on a claims made basis, any policy retroactive date shall precede the effective date of this Contract. Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following Contract expiration, termination or cancellation.

K. Application of Excess Liability Coverage

Contractors may use a combination of primary, and excess insurance policies which provide coverage as broad as the underlying primary policies, to satisfy the Required Insurance provisions.

L. Separation of Insureds

All liability policies shall provide cross-liability coverage as would be afforded by the standard ISO (Insurance Services Office, Inc.) separation of insureds provision with no insured versus insured exclusions or limitations.

M. Alternative Risk Financing Programs

The County reserves the right to review, and then approve, Contractor use of self-insurance, risk retention groups, risk purchasing groups, pooling arrangements and captive insurance to satisfy the Required Insurance provisions. The County and its Agents shall be designated as an Additional Covered Party under any approved program.

N. County Review and Approval of Insurance Requirements

The County reserves the right to review and adjust the Required Insurance provisions, conditioned upon County's determination of changes in risk exposures.

III. INSURANCE COVERAGE

A. Commercial General Liability insurance (providing scope of coverage equivalent to ISO policy form CG 00 01), naming County and its Agents as an additional insured, with limits of not less than:

General Aggregate:	\$2 million
Products/Completed Operations Aggregate:	\$1 million
Personal and Advertising Injury:	\$1 million
Each Occurrence:	\$1 million

B. Automobile Liability insurance (providing scope of coverage equivalent to ISO policy form CA 00 01) with limits of not less than \$1 million for bodily injury and property damage, in combined or equivalent split limits, for each single accident. Insurance shall

cover liability arising out of Contractor's use of autos pursuant to this Contract, including owned, leased, hired, and/or non-owned autos, as each may be applicable.

C. Workers Compensation and Employers' Liability insurance or qualified self-insurance satisfying statutory requirements, which includes Employers' Liability coverage with limits of not less than \$1 million per accident. If Contractor will provide leased employees, or, is an employee leasing or temporary staffing firm or a professional employer organization (PEO), coverage also shall include an Alternate Employer Endorsement (providing scope of coverage equivalent to ISO policy form WC 00 03 01 A) naming the County as the Alternate Employer, and the endorsement form shall be modified to provide that County will receive not less than thirty (30) days advance written notice of cancellation of this coverage provision. If applicable to Contractor's operations, coverage also shall be arranged to satisfy the requirements of any federal workers or workmen's compensation law or any federal occupational disease law.

D. Professional Liability/Errors and Omissions

Insurance covering Contractor's liability arising from or related to this Contract, with limits of not less than \$1 million per claim and \$2 million aggregate. Further, Contractor understands and agrees it shall maintain such coverage for a period of not less than three (3) years following this Contract's expiration, termination or cancellation.

E. Asbestos Liability or Contractor's Pollution Liability Insurance

If construction requires remediation of asbestos or pollutants or application or handling of pollutants, such insurance shall cover liability for personal injury and property damage arising from the release, discharge, escape, dispersal, or emission of asbestos or pollutants, whether gradual or sudden, and include coverage for the costs and expenses associated with voluntary clean-up, testing, monitoring, and treatment of asbestos in compliance with governmental mandate or requests. If the asbestos or pollutant will be removed from the construction site, asbestos or pollution liability is also required under the Contractor's of subcontractor's Automobile Liability insurance. Contractor shall maintain limits of not less than \$2 million per Occurrence/7 million Aggregate.



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

ATTACHMENT 3

AS-NEEDED ENVIRONMENTAL ASSESSMENT, REMEDIATION,
AND COMPLIANCE SERVICES
CONSULTANT SERVICES AGREEMENT
FEE SCHEDULE

LABOR CLASSIFICATION	HOURLY RATE
Senior Principal Geologist/Engineer (CA Registered)	\$ 235
Principal Geologist/Engineer (CA Registered)	\$ 215
Associate Geologist/Engineer (CA Registered)	\$ 198
Senior Project Geologist/Engineer (CA Registered)	\$ 180
Project Geologist/Engineer	\$ 150
Senior Staff Geologist/Engineer	\$ 135
Staff Geologist/Engineer	\$ 120
Field Technician/O&M Specialist – Prevailing Wage	\$ 130
Field Soils/Materials Tester – Prevailing Wage	\$ 130
Building/Construction Inspector – Prevailing Wage	\$ 130
Source Inspector/NDT– Prevailing Wage	\$ 130
Certified Industrial Hygienist (CIH – C Young/HSA)*	\$ See Attached
Certified Lead Inspector/Assessor (CA Certified - Vista/HSA)*	\$ See Attached
Certified Lead Project Monitor (CA Certified – Vista/HSA)*	\$ See Attached
Certified Lead Sampling Technician (CA Certified – Vista/HSA)*	\$ See Attached
Certified Asbestos Consultant (CA Certified - Vista/HSA)*	\$ See Attached
Certified Site Surveillance Technician (CA Certified - Vista/HSA)*	\$ See Attached
Toxicologist (ABT-Certified - EnviroTox)*	\$ See Attached
GIS/CADD Specialist	\$ 122
Clerical Staff/Administrative Staff	\$ 72

Notes - * Denotes Subconsultant, see attached Professional Rate Schedules

NOTES

1. The following subconsultants, subcontractors, and labs are our project team members, as outlined in our original proposal dated January 12, 2016, namely, [Colin Young Associates; Enviro-Tox Services, Inc.; Health Science Associates; Vista Environmental; Bays Environmental; Belshire Environmental Services, Inc.; Nieto & Sons; Millennium Environmental; InterPhase Environmental; Advanced Technology Laboratories; Eurofins/Calscience; E-max Laboratories; HDR, Inc.; Chambers Environmental Services; GEOVision, Inc.; Subsurface Surveys; Project Control Consulting.; Jones Environmental; H&P Mobile Geochemistry; E-Nor Innovations; Jacob and Hefner; Coast Surveying; EFS West, Inc.; Fleming Environmental].
2. County will not pay a mark-up on hourly rates for the services of any subconsultants that were included in your original proposal dated January 12, 2016.
3. County will not pay a mark-up on hourly rates for the services of any Consultant employee or subconsultant that were included in your original proposal if the selected employee or subconsultant is no longer available at the time of selection to provide services during the duration of the Contract.
4. Consultant must have prior written permission from the County to use any subconsultants not included in Consultant's original proposal. Any related-work requested but not listed in the Fee Schedule shall be negotiated by the County and the Consultant and may include an additional charge of up to 10%, at the sole discretion of the County and only if pre-approved by the County.
5. County will not pay a mark-up on the reproduction of any reports, documents, plans, or any other specified work products generated from the services listed in the RFP. County will not pay a mark-up on any paid fees, such as permit fees, paid by the Consultant. Consultant shall not mark-up on material cost unless pre-approved by the County in writing.
6. Consultant and its subconsultant/subcontractor's mileage charges are not reimbursable unless pre-approved by County in writing.
7. Expenses for any special requests shall be pre-authorized and approved at the discretion of the designated County project manager and contract administrator.

2016 PROFESSIONAL FEE SCHEDULE

Los Angeles County Department of Public Works

GEOTECHNICAL LABORATORY TESTING

METHOD	\$/TEST	METHOD	\$/TEST
CLASSIFICATION & INDEX PROPERTIES		California Bearing Ratio (CBR, ASTM D 1883)	
Photograph of sample	10	- 3 point	500
Moisture content (ASTM D 2216)	20	- 1 point	185
Moisture & density (ASTM D 2937) ring samples	30	R-Value (CTM 301) untreated	310
Moisture & density (ASTM D 2937) Shelby tube or cutting	40	R-Value (CTM 301) lime or cement treated soils	340
Atterberg limits (ASTM D 4318) 3 points:	150	SOIL CHEMISTRY & CORROSIVITY	
- Single point, non-plastic	85	pH Method A (ASTM 4972 or CTM 643)	45
- Atterberg limits (organic ASTM D 2487 / 4318)	180	Electrical resistivity – single point – as received moisture	45
- Visual classification as non-plastic (ASTM D 2488)	10	Minimum resistivity 3 moisture content points (ASTM G 187/CTM 643)	90
Particle size		pH + minimum resistivity (CTM 643)	130
- Sieve only 1½ inch to #200, (ASTM D 6913/CTM 202)	135	Sulfate content - gravimetric (CTM 417 B Part II)	70
- Large sieve – 6 inch to #200 (ASTM D 6913/CTM 202)	175	Sulfate screen (Hach®)	30
- Hydrometer only (ASTM D 422)	110	Chloride content (AASHTO T291/CTM 422)	70
- Sieve + hydrometer (≤3" sieve, ASTM D 422)	185	Corrosion suite: minimum resistivity, sulfate, chloride, pH (CTM 643)	245
- Percent passing #200 sieve, wash only (ASTM D 1140)	70	Organic matter content (ASTM 2974)	65
Specific gravity-fine (passing #4, ASTM D 854/CTM 207)	125	SHEAR STRENGTH	
Specific gravity-coarse (ASTM C 127/CTM 206) > #4 retained	100	Pocket penetrometer	15
- Total porosity - on Shelby tube sample (calculated from density & specific gravity)	165	Direct shear (ASTM D 3080, mod., 3 points)	
- Total porosity - on other sample	155	- Consolidated undrained - 0.05 inch/min (CU)	285
Shrinkage limits (wax method, ASTM D 4943)	126	- Consolidated drained - <0.05 inch/min (CD)	345
Pinhole dispersion (ASTM D 4647)	210	- Residual shear EM 1110-2-1906-IXA	50
Dispersive characteristics (double hydrometer ASTM D 4221)	90	(price per each additional pass after shear)	
As-received moisture & density (chunk/carved samples)	60	Remolding or hand trimming of specimens (3 points)	90
Sand Equivalent (SE, ASTM D 2419/CTM 217)	105	Oriented or block hand trimming (per hour)	65
COMPACTION & PAVEMENT SUBGRADE TESTS		Single point shear	105
Standard proctor compaction, (ASTM D 698) 4 points:		Torsional shear (ASTM D 6467 / ASTM D 7608)	820
- 4 inch diameter mold (Methods A & B)	160	CONSOLIDATION & EXPANSION/SWELL TESTS	
- 6 inch diameter mold (Method C)	215	Consolidation (ASTM D 2435)	195
Modified proctor compaction (ASTM D 1557) 4 points		- Each additional time curve	45
- 4 inch diameter mold (Methods A & B)	220	- Each additional load/unload w/o time reading	40
- 6 inch diameter mold (Method C)	245	Expansion Index (EI, ASTM D 4829)	130
Check point (per point)	65	Swelling/collapse – Method A (ASTM D 4546-A, up to 10 load/unloads w/o time curves)	290
Relative compaction of untreated/treated soils/aggregates (CTM 216)	250	Single load swell/collapse - Method B (ASTM D 4546-B, seat, load & inundate only)	105
Relative density (0.1 ft mold, ASTM D 4253, D 4254)	235		

METHOD	\$/TEST	METHOD	\$/TEST
TRIAXIAL TESTS		HYDRAULIC CONDUCTIVITY TESTS	
Unconfined compression strength of cohesive soil (with stress/strain plot, ASTM D 2166)	135	Triaxial permeability in flexible-wall permeameter with backpressure saturation at one effective stress (EPA 9100/ASTM D 5084, falling head Method C)	310
Unconsolidated undrained triaxial compression test on cohesive soils (USACE Q test, ASTM D 2850, per confining stress)	170	- Each additional effective stress	120
Consolidated undrained triaxial compression test for cohesive soils, (ASTM D 4767, CU, USACE R-bar test) with back pressure saturation & pore water pressure measurement (per confining stress)	375	- Hand trimming of soil samples for horizontal K	60
Consolidated drained triaxial compression test (CD, USACE S test), with volume change measurement. Price per soil type below EM 1110-2-1906(X):		Remolding of test specimens	65
- Sand or silty sand soils (per confining stress)	375	Permeability of granular soils (ASTM D 2434)	135
- Silt or clayey sand soils (per confining stress)	500	SOIL-CEMENT	
- Clay soils (per confining stress)	705	Moisture-density curve for soil-cement mixtures (ASTM D 558)	240
- Three-stage triaxial (sand or silty sand soils)	655	Wet-dry durability of soil-cement mixtures (ASTM D 559) ¹	1,205
- Three-stage triaxial (silt or clayey sand soils)	875	Compressive strength of molded soil-cement cylinders (ASTM D 1633) per cylinder ¹	60
- Three-stage triaxial (clay soils)	1,235	Soil-cement remolded specimen (for shear strength, consolidation, etc.) ¹	235
Remolding of test specimens	65	¹ Compaction (ASTM D 558 maximum density) should also be performed – not included in above price	

CONSTRUCTION MATERIALS LABORATORY TESTING

SAMPLE TRANSPORT	\$/TRIP	METHOD	\$/TEST
Pick-up & delivery (weekdays, per trip, <50 mile radius from Leighton office)	85	Theoretical maximum density and specific gravity of HMA (CTM 309/AASHTO T209)	130
METHOD	\$/TEST	Thickness or height of compacted bituminous paving mixture specimens (ASTM 3549)	40
CONCRETE STRENGTH CHARACTERISTICS		Rubberized asphalt (add to above rates)	+ 25%
Concrete cylinders compression (ASTM C 39) (6" x 12")	25	AGGREGATE PROPERTIES	
Compression, concrete or masonry cores (testing only) ≤6 inch diameter (ASTM C 42)	40	Sieve analysis (fine & coarse aggregate, ASTM C 136/ CTM 202) with finer than #200 wash (ASTM C117)	135
Trimming concrete cores (per core)	20	LA Rattler-smaller coarse aggregate <1.5" (ASTM C 131/ AASHTO T 96)	200
Flexural strength of concrete (simple beam with 3rd pt. loading, ASTM C 78/CTM 523)	85	LA Rattler-larger coarse aggregate 1-3" (ASTM C 535)	250
Flexural strength of concrete (simple beam w/ center pt. loading, ASTM 293/CTM 523)	85	Durability Index (DI, CTM 229)	200
Non shrink grout cubes (2", ASTM C 109/C 1107)	25	Cleanliness value of coarse aggregate (CTM 227)	210
Drying shrinkage (four readings, up to 90 days, 3 bars, ASTM C 157)	400	Unit weight of aggregate (CTM 212)	50
HOT MIX ASPHALT (HMA)		Soundness, magnesium (ASTM C 88)	225
Compacted AC Resistance to Moist Damage (AASHTO T 283)	2,100	Soundness, sodium	650
Hamburg Wheel, 4 briquettes (modified) (AASHTO T 324)	900	Uncompacted void content – fine aggregate (CTM 234/ AASHTO T 304)	130
Gyratory Compaction (AASHTO T 312)	350	Flat & elongated particles in coarse aggregate (CTM 235/ ASTM D 4791)	215
Extraction by ignition oven, percent asphalt (ASTM D 6307 /CTM 382/AASHTO T308)	150	Percent of crushed particles (CTM 205/AASHTO T335)	135
Ignition oven correction/correlation values	quote	Organic impurities in concrete sand (CTM 213)	60
Extraction by centrifuge, percent asphalt (ASTM D 2172)	150	Specific gravity – coarse aggregate (CTM 206)	100
Gradation of extracted aggregate (ASTM D 5444/CTM 202)	135	Specific gravity – fine aggregate (CTM 207)	125
Stabilometer value (CTM 366)	265	Sand Equivalent (CT 217/AASHTO T 176)	
Bituminous mixture preparation (CTM 304)	80	Apparent specific gravity of fine aggregate (CTM 208)	130
Moisture content of asphalt (CTM 370)	60	Moisture content of aggregates by oven drying (CTM 226/AASHTO T255)	40
Bulk specific gravity – molded specimen or cores (ASTM D 1188/ CTM 308/AASHTO T 275)	55	Clay lumps, friable particles (ASTM C 142)	175
Maximum density - Hveem (CTM 308)	200		

METHOD	\$/TEST	METHOD	\$/TEST
MASONRY		SLAB-ON-GRADE MOISTURE EMISSION KIT	
Mortar cylinders (2" by 4", ASTM C 780)	25	Moisture test kit (excludes labor to perform test, ASTM E 1907)	60
Grout prisms (3" by 6", ASTM C 1019)	25	REINFORCING STEEL	
Masonry cores compression, ≤6" diameter (testing only, ASTM C 42)	40	Rebar tensile test, up to No. 10 (ASTM A 370)	45
CMU compression to size 8" x 8" x 16" (3 required, ASTM C 140)	45	Rebar tensile test, No. 11 & over (ASTM A 370)	100
CMU moisture content, absorption & unit weight (6 required, ASTM C 140)	40	Rebar bend test, up to No. 11 (ASTM A 370)	45
CMU linear drying shrinkage (ASTM C 426)	175	STEEL	
CMU grouted prisms (compression test ≤8" x 8" x 16", ASTM E 447 C 1314)	180	Tensile strength, ≤100,000 pounds axial load (ASTM A 370)	45
CMU grouted prisms (compression test > 8" x 8" x 16", ASTM E 447 C 1314)	250	Prestressing wire, tension (ASTM A 416)	150
Masonry core-shear, Title 24 (test only)	70	Sample preparation (cutting)	50
BRICK		SPRAY APPLIED FIREPROOFING	
Compression (cost for each, 5 required, ASTM C 67)	40	Unit weight (density, ASTM E 605)	60

EQUIPMENT, SUPPLIES & MATERIALS

	\$/UNIT		\$/UNIT
1/4 inch Grab plates	5 each	Manometer	25 day
1/4 inch Tubing (bonded)	0.55 foot	Mileage	0.54 mile
1/4 inch Tubing (single)	0.35 foot	Nitrile gloves	20 pair
3/8 inch Tubing, clear vinyl	0.55 foot	Nuclear moisture and density gauge	88 day
4-Gas meter (RKI Eagle or similar)	120 day	Pachometer	25 day
Air flow meter and purge pump (200 cc/min)	50 day	pH/Conductivity/Temperature meter	55 day
Box of 24 soil drive-sample rings	120 box	Photo-Ionization Detector (PID)	110 day
Brass sample tubes	10 each	Pump, Typhoon 2 or 4 stage	50 day
Caution tape (1000-foot roll)	20 each	QED bladder pump w/QED control box	160 day
Combination lock or padlock	11 each	Resistivity field meter & pins	50 day
Compressed air tank and regulator	50 day	Slip / Threaded Cap, 2-inch or 4-inch diameter, PVC Schedule 40	15 each
Concrete coring machine (≤6-inch-dia)	150 day	Slope inclinometer	200 day
Consumables (gloves, rope, soap, tape, etc.)	35 day	Soil sampling T-handle (Encore)	10 day
Core sample boxes	11 each	Soil sampling tripod	35 day
Crack monitor	25 each	Stainless steel bailer	40 day
Cutoff saws, reciprocating, electric (Saws All)	75 day	Submersible pump, 10 gpm, high powered	160 day
Disposable bailers	12 each	Grunfos 2-inch with controller	
Disposable bladders	10 each	Submersible pump/transfer pump, 10-25 gpm	50 day
Dissolved oxygen meter	45 day	Survey/fence stakes	8 each
DOT 55-gallon containment drum with lid	65 each	Tedlar® bags	18 each
Double-ring infiltrometer	125 day	Traffic cones (≤25)/barricades (single lane)	50 day
Dual-stage interface probe	80 day	Turbidity meter	70 day
GEM 2000	130 day	Tyvek® suit (each)	18 each
Generator, portable gasoline fueled, 3,500 watts	90 day	Vapor sampling box	45 day
Global Positioning System (GPS)	80 day	Vehicle usage	20 hour
Hand auger set	90 day	VelociCalc	35 day
HDPE safety fence (≤100 feet)	40 roll	Visqueen (20 x 100 feet)	100 roll
Horiba U-51 water quality meter	135 day	Water level indicator (electronic well sounder)	60 day
In-situ level troll 500 (each)	90 day	<300 feet deep well	
In-situ troll 9500, low flow water sampling	150 day	Well service truck usage	200 day
Lockable equipment box	15 day	ZIPLEVEL®	15 day
Magnahelic gauge	15 day		

Other specialized geotechnical and environmental testing & monitoring equipment are available, and priced per site

TERMS & CONDITIONS

- **Proposal Expiration:** Proposals are valid for at least 30 days, subject to change after 30 days; unless otherwise stated in the attached proposal.
- **Prevailing Wages:** Our fees for prevailing wage work are subject to change at any time based upon the project advertised date, and changes in California prevailing wage laws or wage rates. Prevailing wage time accrued will include portal to portal travel time.
- **Overtime:** Overtime for field personnel will be charged at 1.5 times basic hourly rates when exceeding 8 hours up to 12 hours per 24 hour interval, and 2 times basic hourly rates when exceeding 12 hours in 24 hours or on Sunday, and 3 times basic hourly rates on California official holidays.
- **Expert Witness Time:** Expert witness deposition and testimony will be charged at 2 times hourly rates listed on the previous pages, with a minimum charge of four hours per day.
- **Minimum Field Hourly Charges:** For Field Technician Special Inspectors or Material Testing Services:
 - 4 hours: Cancellation of inspections not canceled by 4:00 p.m. on preceding day (No charge if cancellation is made before 4:00 p.m. of the preceding work day.)
 - 8 hours: Over 4-hour working day, or begins before noon and extends into afternoon
- **Outside Direct Costs:** Heavy equipment, subcontractor fees and expenses, project-specific permits and/or licenses, project-specific supplemental insurance, travel, subsistence, project-specific parking charges, shipping, reproduction, and other reimbursable expenses will be invoiced at cost plus 10% (only if previously approved by the County), unless billed directly to and paid by client.
- **Insurance & Limitation of Liability:** These rates are predicated on standard insurance coverage and a limit of Leighton's liability equal to our total fees for a given project.
- **Invoicing:** Invoices are rendered monthly, payable upon receipt in United States dollars. A service charge of 1½-percent per month will be charged for late payment.
- **Client Disclosures:** Client agrees to provide all information in Client's possession about actual or possible presence of buried utilities and hazardous materials on the project site, prior to fieldwork, and agrees to reimburse Leighton for all costs related to unanticipated discovery of utilities and/or hazardous materials. Client is also responsible for providing safe and legal access to the project site for all Leighton field personnel.
- **Earth Material Samples:** Quoted testing unit rates are for soil and/or rock (earth) samples free of hazardous materials. Additional costs will accrue beyond these standard testing unit rates for handling, testing and/or disposing of soil and/or rock containing hazardous materials. Hazardous materials will be returned to the site or the site owner's designated representative at additional cost not included in listed unit rates. Standard turn-around time for geotechnical-laboratory test results is 10 working days. Samples will be stored for 2 months, after which they will be discarded. Prior documented notification is required if samples need to be stored for a longer time. A monthly storage fee of \$10 per bag and \$5 per sleeve or tube will be applied. Quoted unit rates are only for earth materials sampled in the United States. There may be additional cost for handling imported samples.
- **Construction Material Samples:** After all designated 28-day breaks for a given sample set meet specified compressive or other client-designated strength, all "hold" cylinders or specimens will be automatically disposed of, unless specified in writing prior to the 28-day break. All other construction materials will be disposed of after completion of testing and reporting.

Analysis	Methodology	Standard TAT
		5 business days
		COB
Organics Analyses	Methodology	Unit Price
Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO)	EPA 8015B, EPA 8015B/5035A/5030B	\$40.00
Total Petroleum Hydrocarbons (TPH) - GRO + BTEX	EPA 8015B/8021B	\$55.00
Total Petroleum Hydrocarbons (TPH) as Diesel Range Organics (DRO) and Motor Oil (MRO)	EPA 8015B	\$55.00
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID ¹²	EPA 8015B	\$60.00
Total Petroleum Hydrocarbons (TPH) Carbon Chain ID (Custom Breakdown)	EPA 8015B	\$87.00
Methanol and/or Ethanol or Glycols	EPA 8015M	\$75.00
BTEX / MTBE by GC (Aromatic Volatile Organics)	EPA 8021B	\$40.00
Volatile Organic Compounds (Ketones upon request)	EPA 8260B	\$110.00
1,2,3-Trichloropropane SIM	EPA 8260B	\$100.00
PCBs	EPA 8082	\$85.00
Organochlorine Pesticides	EPA 8081A	\$95.00
Organophosphorus Pesticides	EPA 8141A	\$165.00
*Chlorinated Herbicides	EPA 8151	\$165.00
Semivolatile Organic Compounds	EPA 8270C	\$185.00
Semivolatile Organic Compounds - SIM; PAHs - PNAs	EPA 8270C - SIM	\$145.00
1,4-Dioxane (by modified isotope dilution technique)	EPA 8270C	\$116.00
NDMA	EPA 1625M	\$145.00
PNA's/PAH's (Polyaromatic Hydrocarbons)	EPA 8310	\$165.00
*Dioxins and Furans (15-day TAT)	EPA 8290	\$1,050.00
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 1664 HEM/SGT	\$55.00
Oil & Grease	EPA 1664-HEM	\$50.00
Total Organic Carbon (water)	SM 5310B	\$65.00
Total Organic Carbon (soil)	EPA 9060	\$85.00
*Total Organic Halogens (TOX) or Extractable Organic Halides	EPA 9020	\$120.00
Metals Analyses	Methodology	Unit Price
Sample Prep for AA / ICP / ICPMS metals	EPA 3010A/3050B	\$12.00
Sample Prep for Mercury, Chromium VI, perchlorate	EPA 7471A/7470A/3060	\$12.00
AA / ICP Individual Metals	EPA 6010B/7000/200.7/3111B	\$14.00
ICP Group Metals (5 or more - Excluding Mercury)	EPA 6010B	\$70.00
Title 22 (CAM 17 metals-includes digestion) / RCRA metals	EPA 6010B/7470A/7471B	\$110.00
ICPMS Individual Metals	EPA 6020/200.8	\$35.00
ICPMS Group Metals (5 or more)	EPA 6020/200.8	\$155.00
ICPMS - Individual Metals - Low Level / Sea Water	EPA 1640	\$55.00
ICPMS - Group Metals (5 or more) - Low Level / Sea Water	EPA 1640	\$255.00
Mercury by CVAA (PREP NOT INCLUDED)	EPA 7470A/7471B/245.1	\$25.00
Mercury - Low Level (PREP NOT INCLUDED)	EPA 1631E	\$120.00
Hexavalent Chromium (colorimetric) (PREP NOT INCLUDED)	EPA 7196A	\$45.00
Hexavalent Chromium by IC* (PREP NOT INCLUDED)	EPA 7199 or 218.6	\$75.00
Hazardous Waste Analyses	Methodology	Unit Price
Ignitability	EPA 1010	\$65.00
*Ignitability - solids	EPA 1030	\$115.00
Corrosivity (pH)	EPA 9045C	\$15.00
Reactivity (Cyanide and Sulfide)	Title 22	\$85.00
**STLC/TCLP/SPLP Bottle Extraction	Title 22/EPA WET/1311/1312	\$40.00
**STLC/TCLP/SPLP ZHE Extraction	Title 22/EPA WET/1311/1312	\$65.00
* = Analyses performed by qualified subcontract laboratories - Subcontracted work subject to subcontract laboratory's Fees, TAT, Terms and Conditions.		
** = Rush TAT for samples requiring STLC and / or TCLP is extended by two (2) business days due to method required extraction time.		
Ion Chromatography	Methodology	Unit Price
Anion Scan	EPA 300.0	\$85.00
Single Ion (Bromide, Chloride, Fluoride, Nitrate, Nitrite, Orthophosphate, Sulfate)	EPA 300.0	\$45.00
Perchlorate + prep	EPA 314.0	\$75.00

Analysis	Methodology	Standard TAT
		5 business days
		COB
Air Toxics	Methodology	Unit Price
Volatile Organic Compounds	EPA TO-15	\$165.00
Volatile Organic Compounds (8260 Target Analyte List)	EPA TO-15	\$175.00
Volatile Organic Compounds (Ultra-low level)	EPA TO-15 SIM	\$185.00
Volatile Organic Compounds	EPA TO-14	\$145.00
TVPH as Gasoline	EPA TO-3	\$75.00
TVPH as Gasoline/BTEX	EPA TO-3	\$85.00
TVPH as Gasoline/BTEX/MTBE	EPA TO-3	\$95.00
Dissolved gases in water - Ethane, Ethene, Methane	RSK-175	\$100.00
Dissolved gases in water - Ethane, Ethene, Methane + CO ₂	RSK-175	\$120.00
Methane	ASTM D1946	\$85.00
*Hydrogen Sulfide	EPA 15/16	\$125.00
*Hydrogen Sulfide - Low Level	EPA 15/16	\$125.00
*Fixed Gases	EPA 3C	\$175.00
*TNMOC in Landfill Gas	EPA 25C/3C	\$200.00
Canister Rental - 6 li		\$50.00
Canister Rental - 1 li		\$35.00
Tedlar Bag - 1 li / Bottle Vac		\$15.00
Flow Controller Rental -specify flowrate/sampling time		\$25.00
Inorganics Analyses	Methodology	Unit Price
*Acidity	SM 2310B(4a)	\$25.00
*Alkalinity	SM 2320B	\$20.00
*Asbestos PLM	OSHA Method ID-191	\$25.00
*Biochemical Oxygen Demand	SM 5210B	\$75.00
Chemical Oxygen Demand	EPA 410.4	\$65.00
*Chloride	SM 4500-Cl-C	\$45.00
*Chlorine, Total Residual	SM 4500-Cl-B/4500-Cl-G	\$45.00
Cyanide	SM 4500-CN G	\$65.00
*Fluoride, Total	SM 4500-F C	\$45.00
*General Mineral Analyses	Various	\$325.00
*Hardness, Total	SM 2340 C	\$25.00
Mercaptans	LACSD	\$165.00
Moisture, Percent	ASTM D2216	\$35.00
Nitrogen, Ammonia	SM 4500-NH ₃ C	\$65.00
*Nitrogen, Nitrate-Nitrite	SM 4500-NO ₃ E	\$50.00
*Nitrogen, Nitrite	SM 4500-NO ₂ B	\$50.00
*Nitrogen, Total Kjeldahl	SM 4500NH ₃ C	\$65.00
*MBAS, Surfactants	SM 5540C	\$85.00
Oxygen, Dissolved	SM 4500-O G	\$30.00
Paint Filter Test	EPA 9095	\$40.00
pH	SM 4500-H+ B/9045	\$15.00
Phosphorus, Total	365.3/SM 4500-P E	\$65.00
Salinity	SM 2520B	\$30.00
Solids, Total Dissolved	SM 2540 C	\$15.00
Solids, Total Suspended	SM 2540 D	\$15.00
Solids, Total	SM 2540 B	\$15.00
Solids, Volatile	EPA 160.4	\$15.00
Solids, Settleable	SM 2540 F	\$15.00
Specific Conductance	EPA 120.1	\$15.00
*Sulfate	EPA 375.4	\$45.00
Sulfide, Total or Dissolved - Water	SM 4500-S-2 D	\$55.00
Sulfide, Total - Soil	SM 4500-S-2 D(M)	\$65.00
Turbidity	EPA 180.1	\$15.00

Analysis	Methodology	Standard TAT
		5 business days
		COB
Biological Analyses	Methodology	Unit Price
*Coliform (MPN) / E coli	SM 9221 A,B,E	\$100.00
*Standard Plate Count (SPC)	SM 9223	\$75.00
*96 Hour Acute Toxicity/Fish Bio	DOHS Standards	\$375.00
* = Analyses performed by qualified subcontract laboratories - Subcontracted work subject to subcontract laboratory's Fees, TAT, Terms and Conditions.		
DEFINITIONS		
1. COB: Close of business		
2. TAT: Turn-Around-Time		
3. Workorder: Group of samples logged per order.		
4. ATL Route: San Diego, Santa Clarita, Riverside, SF Bay Area		
GUARANTEED TAT SURCHARGE/DISCOUNT SCHEDULE		
A	B	C
Emergency/Same Working Day/Overtime	1 Business Day (COB)	2 Business Days (COB)
300%	100%	50%
D	E	F
3 Business Days (COB)	5 Business Days (COB)	10 Business Days (COB)
25%	No Discount	10% Discount
PAYMENT TERMS		
EARLY PAY DISCOUNT		LATE PAY FEE
% Discount	% Discount	Interest / Month
<30 Days	30 - 59 Days	90+ Days
5%	2.0%	0.833% / Mo
* DISCOUNTED PRICING WILL REVERT TO LIST PRICES FOR INVOICES NOT PAID WITHIN 120 DAYS FROM THE DATE OF INVOICE.*		
NOTES:		
1. Pick up / delivery (15 min wait time): \$10.00 within 55 miles of Signal Hill, CA; \$45/hr after 55 miles /OVERTIME hours / waiting time - ATL Route Exempted		
2. Samples received after 3:00 PM will be considered as arriving at 8:00 AM the following business day.		
3. Standard Turnaround Time is Five Business Days (5) - COB - Subcontract work subject to subcontract laboratory's pricing, terms, and conditions.		
4. Samples submitted with less than 80 percent of the Holding Time remaining, will be Surcharged per Surcharge Fee Schedule		
5. Change orders for In-Process samples or "On Hold" samples will be charged according to Surcharge Fee schedule.		
6. Weekend, Holiday, Holding Time Rushes will be surcharged at 300%.		
7. Retrieval of reports and /or associated data after three months will be charged at \$50.00 per data folder.		
8. Reprocessing of data will be charged at \$50.00 per report		
9. RWQCB (Geotracker) and other customized EDD's Fee: 3% of project surcharge (\$30 minimum per work order).		
10. Level IV deliverables: 15% of project (\$100.00 minimum per work order)		
11. Tentatively Identified Compounds (TIC): EPA 8260 & 8270 TIC Report (up to 10 per sample): \$65 per sample.		
12. ATL Standard TPH Carbon Chain breakdown is: C8-10, C10-18, C18-28, C28-36, C36-40, Total C8-C40.		
13. Sample Storage = \$2.00 / sample /mo; Sample Disposal \$2.00 / sample. Disposal for unanalyzed samples - \$7.00 per sample.		
14. Minimum Charge for logged samples = \$75.00 (includes samples "ON HOLD").		
15. Hard Copy Record Storage: \$1 /ATL Workorder / mo (after 45 days from sample receipt).		
16. Past due invoices over 90 days will revert to list Price + Interest.		
• 5035 EnCore Supplies (3 cartridges per sample): \$30 - Handle \$120.		
• 24-hr Composite Sampling Package: \$185		
• 5035 Preserved vials (3 vials + 1 syringe per sample): \$15 - Handle \$20.		
Samples are disposed 45 days from time of receipt; All hard copy records will be destroyed 45 days from date of report issuance.		
Quotes are valid for 30 days from date of quote unless otherwise specified.		



Bays Environmental Remediation Management
Feasibility Evaluation ► Remediation ► Site Closure

TIME & MATERIAL
SCHEDULE OF FEES FOR LCI, LA COUNTY PROJECTS,
Valid Between October 2016 and October 2021

<u>Labor and Equipment</u>		<u>Hourly Rate</u>
Principal Hydrogeologist/Engineer (CHG/PG/PE/QSD/QSP)*	\$	180.00
Senior Project Manager	\$	160.00
Senior Engineer/Geologist (PE/PG/QSD/QSP)*	\$	150.00
Project Manager	\$	135.00
Project Engineer/Geologist (PE/PG/QSD/QSP)	\$	125.00
Professional Scientist/Engineer/Geologist (PG/PE/QSD/QSP)	\$	100.00
Staff Scientist/Engineer/Geologist	\$	75.00
Technician/Maintenance	\$	85.00
Construction Supervisor	\$	95.00
Laborer	\$	70.00
Drafting/CAD	\$	85.00
Technical Editor	\$	85.00
Technical Secretary	\$	60.00
Direct Push Rig with two man Crew (daily)	\$	1,850.00
Direct Push Rig Mob/Demob (daily, less than 75 miles)	\$	250.00
In-Situ Remedial Injection Services (daily)	\$	3,450.00
(Include Trailer, Tanks, Pumps, Manifolds, 2 man crew, safety gear, tools, [Direct push rig is additional])		

* Includes hydrogeologists, hydrologists, geophysicists, chemist, environmental scientists, microbiologist, industrial hygienist, toxicologist and computer specialists.

Expert witness and court testimony work will have 200% surcharge.

STANDARD RATES FOR FIXED FEE SERVICES

(Call for scope detail and cost update)

Health and Safety Plan Prep (Initial-first)	\$	750.00
Health and Safety Plan Prep (Update)	\$	250.00
Phase I Site Investigation (Standard form ASTM E1527)	\$	4,750.00
SPCC Plan Preparation and Certification (New Plan, Small Facility)	\$	4,250.00
SPCC Plan Preparation and Certification (Update, Small Facility)	\$	2,750.00
SWPPP Preparation and Certification (Small Construction Site)	\$	4,750.00
SWPPP Preparation and Certification (Industrial small facility)	\$	5,750.00

REIMBURSABLES

H&S and Decon Supply (inc. Decon kit, tools, PPE, eye wash)	\$75.00/day
Terms	30 days net

Mailing Address: 27702 Crown Valley Parkway No: D4-333 • Ladera Ranch, California 92694 •
888.511.5335 • 888.542.0229 (Fax)

www.baysgrp.com

2016
RATE SCHEDULE
(Non-Prevailing Wage)

Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL OF BULK SOIL

TRANSPORTATION & DISPOSAL OF BULK SOIL

Upon request, rates will be quoted on a "per ton" basis on a project specific basis

DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)

Disposal Fee = \$35.00 - \$40.00/ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL

Disposal Fee (Daily Cover) = \$28.00 - 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

END DUMP TRUCK RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

End Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous*:

\$105.00 - \$130.00 /hour

**In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.

ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES

(Minimum = 4.0 hours)

UNIT / EQUIPMENT TYPE

RATE

Roll-off Truck:

\$105.00 / hour

Roll-off Truck (Overtime):

\$127.50 / hour

Roll-off Truck (Double-Time):

\$140.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of ALTA ENVIRONMENTAL.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of ALTA ENVIRONMENTAL. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

2016
RATE SCHEDULE
(Non-Prevailing Wage)

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TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

"MILKRUN" TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

TRANSPORTATION & DISPOSAL – NON-HAZARDOUS

RATE

-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$105.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$105.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$105.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$245.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$210.00 / drum * #

TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS

RATE

-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$200.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$230.00 / drum * #

TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS

RATE

-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$295.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION - METALS (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$890.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.00/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$245.00-\$320.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY (55-gal):	\$355.00 / drum * #

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$275.00-\$450.00 / trip
EMPTY "USED" STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

BESI maintains an inventory of empty "USED" Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in "USED" Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.

** Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.

2016
RATE SCHEDULE
(Non-Prevailing Wage)

Exclusively for
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TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

DRUM TRUCK/FLATRACK TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Drum Truck with Lift Gate:	\$105.00 / hour
Drum Truck with Lift Gate (Overtime):	\$127.50 / hour
Drum Truck with Lift Gate (Double-Time):	\$140.00 / hour

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

ASSOCIATED ITEMS

RATE

NEW STEEL DRUMS (EMPTY)

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

RECONDITIONED STEEL DRUMS (EMPTY)

RATE

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

NEW POLY DRUMS (EMPTY)

RATE

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

RECONDITIONED POLY DRUMS (EMPTY)

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum

2016
RATE SCHEDULE
(Non-Prevailing Wage)

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TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

<u>ASSOCIATED ITEMS</u>	<u>RATE</u>
<u>OVERPACKS / SALVAGE DRUMS (EMPTY)</u>	
NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum
<u>MISC. CONTAINERS (EMPTY)</u>	
RECON – 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

ADDITIONAL LABOR & EQUIPMENT RATES

LABOR RATES

(Minimum = 4.0 Hours)

<u>CATEGORY</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Field Technician I:	\$ 70.00 / hour	\$ 80.00 / hour	\$ 90.00 / hour
Field Technician II:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Heavy Equipment Operator:	\$ 80.00 / hour	\$ 95.00 / hour	\$110.00 / hour
Project Manager:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

EQUIPMENT RATES (Non-Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>	<u>UNIT TYPE</u>	<u>RATE</u>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016
RATE SCHEDULE
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TRANSPORTATION & DISPOSAL
OF BULK LIQUIDS BY VACUUM TRUCK

BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF OTHER BULK LIQUIDS

Rates will be quoted upon request on a project specific basis

VACUUM TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck 70 BBL Mild Steel:	\$ 98.00 / hour	\$114.00 / hour	\$140.00 / hour	\$140.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$102.00 / hour	\$123.00 / hour	\$150.00 / hour	\$150.00 / hour

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE:	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1" Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½" or ¾" Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1" Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½" Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2" Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

NIGHT WORK:

Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of LEIGHTON CONSULTING.

Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

TRANSPORTATION EQUIPMENT: The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

DRUMS: A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

VACUUM TRUCKS: The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites ≤ 140 miles from Orange County yard, followed by Surcharge for site > 140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%

2016
RATE SCHEDULE
(Prevailing Wage)

Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL OF BULK SOIL

TRANSPORTATION & DISPOSAL OF BULK SOIL

Upon request, rates will be quoted on a "per ton" basis on a project specific basis

DISPOSAL OF NON-HAZARDOUS SOIL @ SOIL SAFE OF CALIFORNIA (TPST)

Disposal Fee = \$35.00 - \$40.00/ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF NON-HAZARDOUS SOIL @ CHIQUITA CANYON LANDFILL

Disposal Fee (Daily Cover) = \$28.00 - 35.00 /ton #

Disposal Fee (Direct Landfill) = \$47.00 - \$55.00 /ton #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

END DUMP TRUCK RATES (Operated)

(Minimum = 4.0 hours)

UNIT TYPE

RATE

End Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

End Dump Truck – Hazardous*:

\$110.00 - \$130.00 /hour

10-Wheeler Dump Truck – Non-Hazardous*:

\$100.00 - \$120.00 / hour

10-Wheeler Dump Truck – Hazardous*:

\$105.00 - \$130.00 /hour

**In most cases, End Dump rates will be charged on a tonnage basis (based on mileage).*

Any clean-up load (last/final load available) will be invoiced as a 23-ton minimum load.

ROLL-OFF TRUCK (Operated) & BIN RENTAL RATES

(Minimum = 4.0 hours)

UNIT / EQUIPMENT TYPE

RATE

Roll-off Truck:

\$115.00 / hour

Roll-off Truck (Overtime):

\$140.00 / hour

Roll-off Truck (Double-Time):

\$165.00 / hour

Roll-off Bins (15 & 40 Cubic Yard):

\$ 16.00 / day

Roll-off Bins / Sludge Bins (5 Cubic Yard):

\$ 26.50 / day

Plastic Bin Liners (3 mil):

\$ 37.00 / each

Plastic Bin Liners (6 mil):

\$112.50 / each

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING. Holidays: New Years Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving and Christmas Day.

2016
RATE SCHEDULE
(Prevailing Wage)

Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

“MILKRUN” TRANSPORTATION & DISPOSAL OF WASTE CONTAINED IN DRUMS

TRANSPORTATION & DISPOSAL – NON-HAZARDOUS

RATE

-- SOIL @ SOIL SAFE (TPST) (55 gal):	\$115.00 / drum * #
-- WATER @ DeMENNO KERDOON (55 gal):	\$115.00 / drum * #
-- INERT CONCRETE/ASPHALT DEBRIS (55-gal):	\$115.00 / drum * #
-- DRILLING MUD @ CROSBY & OVERTON or US ECOLOGY:	\$255.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY:	\$220.00 / drum * #

TRANSPORTATION & DISPOSAL – NON-RCRA (CALIF) HAZARDOUS

RATE

-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$210.00 / drum * #
-- SOIL/SOLIDS (PPE, TRASH, DEBRIS, etc.) @ U.S. ECOLOGY (55-gal):	\$240.00 / drum * #

TRANSPORTATION & DISPOSAL – RCRA-HAZARDOUS

RATE

-- SOIL/SOLIDS @ U.S. ECOLOGY - DIRECT LANDFILL (55-gal):	\$305.00 / drum * #
-- SOIL/SOLIDS @ U.S. ECOLOGY - STABILIZATION of METALS (55-gal):	\$315.00 / drum * #
-- SOIL/SOLIDS @ CLEAN HARBORS – INCINERATION (55-gal):	\$900.00 / drum * #
(Up to 500 lbs/drum / Excess invoiced at \$1.05/lb)	
-- GAS/WATER MIXTURE @ DeMENNO KERDOON (55-gal):	\$220.00 / drum * #
-- LIQUIDS @ DeMENNO KERDOON (55-gal):	\$255.00-\$330.00 / drum *#
-- LIQUIDS @ U.S. ECOLOGY - SOLIDIFICATION (55-gal):	\$365.00 / drum * #

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE (also applies to Bulk Soil):	\$100.00-\$500.00 / project
DELIVERY OF EMPTY DRUMS (MILKRUN):	\$290.00-\$475.00 / trip
EMPTY “USED” STEEL DRUMS (55-gal):	No Charge
SALVAGE/OVERPACK DISPOSAL SURCHARGE (95-gal):	\$110.00 / drum #
SCRAPPING OF EMPTY STEEL DRUMS (55-gal):	\$ 25.00 / drum
ABSORBENT / SOLIDISORB (25 lb. Bag):	\$ 30.00 / bag
ONSITE TIME (TRANSFER OF WASTE):	\$110.00 / hour
HAND PUMP (for LIQUID WASTE TRANSFER):	\$ 22.50 / each
pH METER RENTAL:	\$ 21.50 / each
RIVET BUSTER (CUTTING OPEN DRUMS IN YARD):	\$110.00 / day
FedEx MANIFESTS (STANDARD OVERNIGHT):	\$ 25.00 / package

BESI maintains an inventory of empty “USED” Drums available for delivery to project sites. These Drums are to be used to contain only Non-Hazardous waste. Hazardous waste may not be transported in “USED” Drums. If BESI is being contracted to remove the waste, these drums will be provided at no cost (free), other than delivery charges.

** Site Set-up Fee (\$105.00): Any drum removal event with < 5 drums will be charged a \$100.00 Site Set-up Fee (in addition to the per drum rate).*

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase. Rates for other waste will be quoted upon request on a project specific basis.

2016
RATE SCHEDULE
(Prevailing Wage)

Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL
OF WASTE CONTAINED IN DRUMS

DRUM TRUCK/FLATRACK TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT TYPE</u>	<u>RATE</u>
Drum Truck with Lift Gate:	\$115.00 / hour
Drum Truck with Lift Gate (Overtime):	\$140.00 / hour
Drum Truck with Lift Gate (Double-Time):	\$165.00 / hour

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

ASSOCIATED ITEMS

RATE

NEW STEEL DRUMS (EMPTY)

NEW - 15-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 75.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 65.00 / drum
NEW - 30-Gal UN/DOT CLOSED-TOP:	\$ 64.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 78.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 87.00 / drum
NEW - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 87.00 / drum

RECONDITIONED STEEL DRUMS (EMPTY)

RATE

RECON - 30-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 56.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ PLAIN LID):	\$ 48.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 48.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP (w/ BUNG):	\$ 48.00 / drum

NEW POLY DRUMS (EMPTY)

RATE

NEW - 3.5-Gal Non-DOT PAIL:	\$ 34.00 / drum
NEW - 5-Gal UN/DOT PAIL:	\$ 39.00 / drum
NEW - 15-Gal UN/DOT OPEN-TOP:	\$ 66.00 / drum
NEW - 15-Gal UN/DOT CLOSED-TOP:	\$ 45.00 / drum
NEW - 55-Gal UN/DOT CLOSED-TOP:	\$ 63.00 / drum

RECONDITIONED POLY DRUMS (EMPTY)

RECON - 15-Gal UN/DOT OPEN-TOP:	\$ 47.00 / drum
RECON - 15-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 30-Gal UN/DOT OPEN-TOP:	\$ 44.00 / drum
RECON - 30-Gal UN/DOT CLOSED-TOP:	\$ 37.00 / drum
RECON - 55-Gal UN/DOT OPEN-TOP:	\$ 59.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP:	\$ 39.00 / drum
RECON - 55-Gal UN/DOT CLOSED-TOP (Opaque/Clear):	\$ 43.00 / drum

2016
RATE SCHEDULE
(Prevailing Wage)Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKSEffective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)**TRANSPORTATION & DISPOSAL**
OF WASTE CONTAINED IN DRUMS**ASSOCIATED ITEMS****RATE****OVERPACKS / SALVAGE DRUMS (EMPTY)**

NEW - 95-Gal POLY UN/DOT SALVAGE DRUM - OPEN-TOP:	\$290.00 / drum
NEW - 95-Gal STEEL UN/DOT SALVAGE DRUM - OPEN-TOP:	\$230.00 / drum
USED - 95-Gal STEEL/POLY SALVAGE DRUM (Non-UN/DOT)- OPEN-TOP:	\$130.00 / drum

MISC. CONTAINERS (EMPTY)

RECON - 250/275-Gal TOTE:	\$180.00 / tote
UN/DOT CUBIC-YARD BOX (EMPTY) w/ WOODEN PALLET:	\$ 92.00 / each
UN/DOT SUPERSACK (EMPTY):	\$ 40.00 / each
WOODEN PALLET:	\$ 25.00 / each

ADDITIONAL LABOR & EQUIPMENT RATES**LABOR RATES***(Minimum = 4.0 Hours)*

<u>CATEGORY</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>
Field Technician I:	\$ 90.00 / hour	\$110.00 / hour	\$130.00 / hour
Field Technician II:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Heavy Equipment Operator:	\$105.00 / hour	\$125.00 / hour	\$150.00 / hour
Project Manager:	\$100.00 / hour	\$120.00 / hour	\$145.00 / hour
Waste Consultant:	\$125.00 / hour	N/A	N/A

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, and any time before 5:00 a.m. or after 6:00 p.m., Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

EQUIPMENT RATES (Non-Operated)*(Minimum = 4.0 hours)*

<u>UNIT TYPE</u>	<u>RATE</u>	<u>UNIT TYPE</u>	<u>RATE</u>
Pickup Truck/Crew Truck:	\$25.00-\$50.00 / hour	Air Compressor Unit (Trailer):	\$340.00 / day
Pressure Washer (Cold Water):	\$155.00 / day	Generator:	\$205.00 / day
Response Truck:	\$575.00 / day	LEL Meter:	\$125.00 / day
Drum-it with Mini-Vac Unit:	\$650.00 / day	Double Diaphragm Pump:	\$235.00 / day
Drum-it (no Mini Vac Unit):	\$160.00 / day	Forklift /	
		Loading Equipment:	Quoted upon request

2016
RATE SCHEDULE
(Prevailing Wage)

Exclusively for
LEIGHTON CONSULTING /
LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS

Effective September 1, 2016
(Valid October 2016 to October 2021)
All rates subject to FUEL SURCHARGE when in effect (see Page 6)

TRANSPORTATION & DISPOSAL
OF BULK LIQUIDS BY VACUUM TRUCK

BULK DISPOSAL OF NON-HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.35/gallon #
Truck Washout Fee:	\$325.00/washout #

BULK DISPOSAL OF HAZARDOUS OILY WATER (STANDARD) @ DeMENNO KERDOON

<u>DESCRIPTION</u>	<u>RATE</u>
Disposal Fee:	\$ 0.65/gallon #
Disposal Solids Surcharge:	\$ 3.28/gallon #
Truck Washout Fee:	\$345.00/washout #

Rates are based on current disposal facility pricing, are subject to change if disposal facility rates increase.

DISPOSAL OF OTHER BULK LIQUIDS

Rates will be quoted upon request on a project specific basis

VACUUM TRUCK RATES (Operated)

(Minimum = 4.0 hours)

<u>UNIT /EQUIPMENT TYPE</u>	<u>STRAIGHT-TIME</u>	<u>OVERTIME</u>	<u>DOUBLE-TIME</u>	<u>NIGHT WORK</u>
Vacuum Truck 70 BBL Mild Steel:	\$119.00 / hour	\$149.00 / hour	\$179.00 / hour	\$179.00 / hour
Vacuum Truck 100 BBL Mild Steel:	\$129.00 / hour	\$160.50 / hour	\$192.00 / hour	\$192.00 / hour

ASSOCIATED ITEMS

PROJECT MANAGEMENT & PROFILE FEE:	\$100.00-\$500.00 / project
Surge Block:	\$ 30.50 / day
PVC Stingers / Schedule 40 – 1" Standard (10-ft section):	\$ 18.50 / each
PVC Stingers / Schedule 40 – ½" or ¾" Special In-Line (10-ft section):	\$ 25.75 / each
PVC Stingers / Schedule 40 – 1" Special In-Line (10-ft section):	\$ 28.25 / each
PVC Stingers / Schedule 40 – 1 ½" Special In-Line (10-ft section):	\$ 30.50 / each
PVC Stingers / Schedule 40 – 2" Special In-Line (10-ft section):	\$ 34.25 / each
Air Assist / Deep Wells:	\$ 36.75 / well

STRAIGHT-TIME:

First 8.0 hours worked between the hours of 5:00 a.m. and 6:00 p.m., Mon. -Fri.

OVERTIME RATE:

Any time worked over 8.0 hours in a workday, Monday through Friday. And, the first 12.0 hours worked on Saturday at the request of LEIGHTON CONSULTING.

DOUBLE-TIME RATE:

Any time worked over 12.0 consecutive hours in a workday. Any time worked on Sundays or Holidays at the request of LEIGHTON CONSULTING.

NIGHT WORK:

Any time worked that starts after 6:00 p.m. and/or before 5:00 a.m. at the request of LEIGHTON CONSULTING.

Belshire Environmental Services, Inc. Fuel Surcharge Rates

The following rate tables were established in response to escalating diesel fuel prices. The surcharges are based on weekly diesel fuel rates determined by the Energy Information Administration (EIA). Standard Rates will be adjusted upward/downward as diesel rates rise/fall. If diesel fuel rates exceed the fuel ranges shown in the tables, the surcharges will follow the linear trends established in these tables. Adjustments to the surcharges will be made on a weekly basis, based on the current diesel fuel price for that week.

TRANSPORTATION EQUIPMENT: The Fuel Surcharge Rates shown in the table below apply to all transportation equipment on our Rate Schedule, except for vacuum trucks.

Fuel Range			Surcharge
\$1.92	-	\$2.01	7.00%
\$2.02	-	\$2.11	8.00%
\$2.12	-	\$2.21	9.00%
\$2.22	-	\$2.31	10.00%
\$2.32	-	\$2.41	11.00%
\$2.42	-	\$2.51	12.00%
\$2.52	-	\$2.61	13.00%
\$2.62	-	\$2.71	14.00%
\$2.72	-	\$2.81	15.00%
\$2.82	-	\$2.91	16.00%
\$2.92	-	\$3.01	17.00%
\$3.02	-	\$3.11	18.00%

Fuel Range			Surcharge
\$3.12	-	\$3.21	19.00%
\$3.22	-	\$3.31	20.00%
\$3.32	-	\$3.41	21.00%
\$3.42	-	\$3.51	22.00%
\$3.52	-	\$3.61	23.00%
\$3.62	-	\$3.71	24.00%
\$3.72	-	\$3.81	25.00%
\$3.82	-	\$3.91	26.00%
\$3.92	-	\$4.01	27.00%
\$4.02	-	\$4.11	28.00%
\$4.12	-	\$4.21	29.00%
\$4.22	-	\$4.31	30.00%

Fuel Range			Surcharge
\$4.32	-	\$4.41	31.00%
\$4.42	-	\$4.51	32.00%
\$4.52	-	\$4.61	33.00%
\$4.62	-	\$4.71	34.00%
\$4.72	-	\$4.81	35.00%
\$4.82	-	\$4.91	36.00%
\$4.92	-	\$5.01	37.00%
\$5.02	-	\$5.11	38.00%
\$5.12	-	\$5.21	39.00%
\$5.22	-	\$5.31	40.00%
\$5.32	-	\$5.41	41.00%
\$5.42	-	\$5.51	42.00%

DRUMS: A fuel surcharge is added to our standard Drum rates based on the table below. A fuel surcharge rate will be added based on the number of drums removed from the site on any single drum removal trip. A minimum charge of 4 drums will be charged on any drum removal trip.

Fuel Range			Surcharge Per Drum
\$2.01		\$2.50	\$2.50
\$2.51		\$3.00	\$4.00
\$3.01	-	\$3.50	\$5.00
\$3.51	-	\$4.00	\$6.25
\$4.01	-	\$4.50	\$7.50
\$4.51	-	\$5.00	\$8.75
\$5.01	-	\$5.50	\$10.00
\$5.51	-	\$6.00	\$11.25
\$6.01	-	\$6.50	\$12.50
\$6.51	-	\$7.00	\$13.75
Minimum Fuel Surcharge is based on four drums.			

VACUUM TRUCKS: The Fuel Surcharge Rates shown in the table below apply to subcontracted vacuum truck and related equipment for projects in Southern California. Shown in the Surcharge column are the Surcharge for sites ≤ 140 miles from Orange County yard, followed by Surcharge for site > 140 miles from Orange County yard.

Fuel Range			Surcharge
\$1.92	-	\$2.61	0.0%
\$2.62	-	\$2.71	4.0% / 7.5%
\$2.72	-	\$2.81	5.0% / 7.5%
\$2.82	-	\$2.91	5.0% / 9.5%
\$2.92		\$3.01	6.0% / 9.5%

Fuel Range			Surcharge
\$3.02	-	\$3.11	7.0% / 11.5%
\$3.12	-	\$3.21	7.0% / 11.5%
\$3.22	-	\$3.31	8.0% / 13.5%
\$3.32	-	\$3.41	8.0% / 13.5%
\$3.42	-	\$3.51	9.0% / 15.5%

Fuel Range			Surcharge
\$3.52	-	\$3.61	10.0% / 15.5%
\$3.62	-	\$3.71	10.0% / 17.5%
\$3.72	-	\$3.81	11.0% / 17.5%
\$3.82		\$3.91	11.0% / 19.5%
\$3.92		\$4.01	12.0% / 19.5%



**FEE SCHEDULE
LADPW
10/2016-10/2021**

HOURLY RATES

Title	
Senior Director	\$218
Director/Program Manager	\$198
Sr. Project Manager	\$156
Project Manager/Sr. Project Specialist	\$133
<hr/>	
Managing Biologist/Botanist	\$182
Senior Biologist/Botanist	\$145
Project Biologist/Botanist	\$123
Staff Biologist/Botanist	\$109
Biologist/Botanist	\$99
Asst. Biologist/Botanist	\$88
<hr/>	
Managing Cultural Resources Spec	\$151
Senior Cultural Resources Spec	\$125
Project Cultural Resources Spec.	\$112
Staff Cultural Resources Spec	\$99
Cultural Resources Spec	\$85
Asst. Cultural Resources Spec	\$70
<hr/>	
Managing Environmental Planner	\$182
Senior Environmental Planner	\$145
Project Environmental Planner	\$123
Staff Environmental Planner	\$109
Environmental Planner	\$99
Asst. Environmental Planner	\$88
<hr/>	
Managing Air/Noise Specialist	\$182
Senior Air/Noise Specialist	\$145
Project Air/Noise Specialist	\$123
Staff Air/Noise Specialist	\$109
Air/Noise Specialist	\$99
Asst. Air/Noise Specialist	\$88
<hr/>	
Senior GIS Analyst	\$139
Staff GIS Analyst	\$113
GIS Technician	\$96
<hr/>	
Project Controls Specialist**	\$88
Technical Editor/Project Asst**	\$82
Word Processor**	\$71
Clerical**	\$58



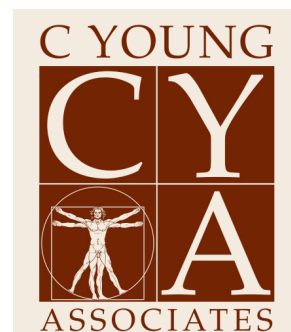
EQUIPMENT/OTHER DIRECT COSTS

<u>OTHER DIRECT COSTS</u>	<u>UNIT</u>	<u>UNIT COST</u>
Copies - Internal	per page	\$0.15
Color Copies 8"X11"	per page	\$1.00
Color Copies 8"X17"	per page	\$2.00
GIS Machine & license	per hour	\$15.00
GIS Materials	actual	
Rental Field vehicle 4WD	per day	\$80.00
Field Vehicle Use: Off Road 4WD	per day	\$65.00
Field Vehicle Use: On Road 2WD	per day	\$45.00
Mileage		N/A
GPS – Real time, Trimble	per day	\$60.00
CD-ROM's	per CD	\$2.00
Mail/Delivery*	actual	
Outside Printing*	actual	
All Other Outside Services*	actual	
Bio Survey/Monitoring Equipment	per day	\$6.00
Bio Survey/JD/Restoration Equipment	per day	\$8.00
Bio Fish Survey Equipment	per day	\$15.00
Focused Plant Survey Equipment	per day	\$10.00
Cultural Survey Equipment	per day	\$6.00
Cultural Site Recording	per day	\$8.00
Cultural Testing/Excavation	per day	\$14.00
Cultural Monitoring Equipment	per day	\$10.00
iGage	per day	\$15.00
Sonabat	per day	\$46.00
Electrofisher	per day	\$200.00
<ul style="list-style-type: none"> • ⁽¹⁾ California Natural Diversity Database • ⁽²⁾ California Natural Plant Society Electronic Inventory Database • Equipment Rate sheet available upon request. 		

C YOUNG ASSOCIATES

SCHEDULE OF FEES-LADPW

OCTOBER 2016-OCTOBER 2021



LABOR CATEGORY	HOURLY RATE
<u>General Consulting</u>	
Principal Scientist/Engineer (incl. Colin Young, CIH)	\$255
Associate Scientist/Engineer	\$150
GC	\$125
Science/Engineering Technician	Quote
Construction Technician/Laborer	Quote
<u>Expert/Forensic/Legal Support</u>	
Expert Scientist/Engineer (incl. Colin Young, CIH)	\$300
Expert GC	\$175
Deposition/Trial- Expert Scientist/Engineer (incl. Colin Young, CIH)	\$450
Deposition/Trial- Expert GC	\$375

Hourly rates are for time spent in support of the assigned project/case, regardless of scope. Time spent in authorized travel shall be deemed to be spent in actually performing services hereunder. Hourly rates include:

- Cell phone use
- facsimile, computer and network usage (excluding specialty software, if mandated)
- project accounting services
- audio-visual equipment
- first class postage
- routine in-house reproduction of reports and other documents (digital copies, only).

C YOUNG ASSOCIATES
1042 Skylark Drive, La Jolla, CA 92037
Tel.: (858) 454-8885
E-Mail: colin@cyforensics.com

***COAST* SURVEYING, INC.**

15031 PARKWAY LOOP, SUITE B, TUSTIN, CA 92780-6527 (714) 918-6266 FAX (714) 918-6277

FEE SCHEDULE

Survey Manager.....	\$207.80
Project Surveyor.....	\$180.46
Survey Analyst.....	\$136.71
Survey Party Chief.....	\$164.93
Survey Chainman.....	\$152.24

Notes

Rates are based upon the mean average of annually escalated rates for the duration of the contract and will remain fixed for the duration of the contract.

No additional fee on reimbursable direct cost items including, but not limited to, delivery or messenger charges, additional reprographic costs (beyond the scope of the contract), utility agency research fees, permits, title company fees, etc.; these shall be billed at cost. Mileage is not reimbursable.

Rates are inclusive of all standard survey vehicles, travel costs, and conventional survey equipment and tools. If special equipment is needed, written pre-authorization from the project manager and contract administrator is required.



PLANNING • DESIGN • CONSTRUCTION

28472 CONSTELLATION VALENCIA, CA 91355

September 6, 2016

Leighton Consulting
Attn: Ines Cadavid-Parr
26074 Avenue Hall, Suite #21
Santa Clarita, CA 91355

**Re: Los Angeles County DPW As-Needed Environmental Assessment,
Remediation, and Compliance Services**

Rates - Prevailing Wage:

Construction Work: (Overtime)	Straight Time	1.5 Times
Project Manager	\$165.00	
Foreman	\$130.00	\$195.00
Truck	\$ 15.00	
Operator	\$140.00	\$210.00
Cement Mason	\$120.00	\$180.00
Electrician	\$150.00	\$225.00
General Labor	\$112.50	\$168.75

Maintenance, Testing, Standby

Technician	\$125.00	\$187.50
Truck	\$15.00	
General Labor (Helper)	\$112.00	\$168.75
Administration	\$75.00	
Project Manager	\$165.00	

Above prices based on the following:

1. Prices valid through October 2021.
2. Overtime starts after 3:00 pm or after 8 hours.
3. Travel is billed.
4. Maintenance calls 4 hour minimum

Sincerely,
EFS WEST

Von Regli

Von Regli
Division Manager



PLANNING • DESIGN • CONSTRUCTION

28472 CONSTELLATION VALENCIA, CA 91355

September 6, 2016

Leighton Consulting
Attn: Ines Cadavid-Parr
26074 Avenue Hall, Suite #21
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1. Prices valid through October 2021.
2. Overtime starts after 3:00 pm or after 8 hours.
3. Travel is billed.
4. Maintenance calls 4 hour minimum

Sincerely,
EFS WEST

Von Regli

Von Regli
Division Manager

EMAX Laboratories, Inc. Fee Schedule of Analytical Services

LACDPW As-Needed Environmental Assessment, Remediation, and Compliance Services

Unit prices valid

October 2016 thru October 2021.

***EMAX Laboratories, Inc.
1835 W. 205th Street
Torrance, CA 90501
Phone: 310-618-8889
Fax: 310-618-0818
web address: www.emaxlabs.com
email address: info@emaxlabs.com***

PARAMETERS	EPA METHOD	Unit Price (Water)	Unit Price (Soil)
Organics			
GC			
Organochlorinated Pesticides (only)	8081	\$125.00	\$125.00
PCBs (only)	8082	\$80.00	\$80.00
Low Level PCB	8082-Low	\$115.00	\$115.00
Organophosphorous Pesticides	8141	\$175.00	\$175.00
Chlorinated Herbicides	8151	\$170.00	\$170.00
Volatiles			
Volatile Organics by GC/MS	5030/8260B	\$102.50	\$102.50
Volatile Organics by GC/MS w Oxygenates	5030/8260B	\$109.50	\$109.50
Volatile Organics by GC/MS	5035/8260B	NA	\$109.50
Volatile Organics by GC/MS w Oxygenates	5035/8260B	NA	\$115.00
BTEX by GC/MS	5030/8260B	\$86.00	\$86.00
BTEX + oxygenates by GC/MS	5030/8260B	\$92.00	\$92.00
BTEX by GC/MS	5035/8260B	NA	\$92.00
BTEX + oxygenates by GC/MS	5035/8260B	NA	\$97.75
1,2,3-Trichloropropane Low Level	8260B-SIM	NA	\$140.00
5035 Supplies			
Encores, per tube		NA	\$10.00
Prewieghed/prepreserved vial, per vial		NA	\$7.00
Semi-Volatiles			
Semivolatile Organics by GC/MS	8270C	\$210.00	\$210.00
SVOC by 8270C with low PAH by SIM	8270C/8270C SIM	\$360.00	\$360.00
Low Level PAHs by GC/MS-SIM	8270C-SIM	\$178.00	\$178.00
Non-PAH Low Level SVOC GC/MS SIM	8270C-SIM	\$196.00	\$196.00
1,4-dioxane Low Level	8270M-SIM	\$173.00	\$173.00
Dioxins/Furans	8290	\$635.00	\$635.00
<i>analysis subcontracted; MS/MSD samples are billable if required.</i>			
HPLC			
Polynuclear Aromatics by HPLC	8310	\$145.00	\$150.00
Explosives by HPLC	8330	\$145.00	\$150.00
Others			
Oil and Grease/Total Recoverable	1664	\$70.00	NA
Oil and Grease with Silica Gel Cleanup	1664/ SGT	\$85.00	NA
Vapor Samples			
Volatile Organics	TO-15		\$225.00
Canister rental (per week)			\$68.50
Fuels			
TVPH Gas (C6-C10)	8015M	\$52.00	\$58.00
TEPH Diesel (C10-C24)	8015M	\$57.00	\$63.00
TEPH Motor Oil (C24-C36)	8015M	\$63.00	\$69.00
TPH Full Range (C6-C36) (TPH-G,D, MO)	8015M	\$115.00	\$125.00
TPH Full Range (C6-C40) (TPH-G,D, MO)	8015M	\$115.00	\$125.00
TPH Diesel/Motor Oil (C10-C40)	8015M	\$83.00	\$90.00
TEPH Carbon Chain Extended-Range (C10-C40)	8015M	\$83.00	\$90.00
Ethanol by GC	8015M	\$75.00	\$95.00
Methanol by GC	8015M	\$85.00	\$100.00
TPH Gas (C6-C12)	8015M	\$55.00	\$65.00
TPH Carbon Chain Extended-Range (C9-C40)	8015M	\$75.00	\$75.00
Silica Gel Cleanup	SGT	\$20.00	\$20.00

PARAMETERS	EPA METHOD	Unit Price (Water)	Unit Price (Soil)
Metals			
ICP Metals			
TAL Metals - 23 Metals	6010B/7470	\$185.00	\$185.00
Title 22 CAM Metals -17 Metals	6010B/7470	\$133.00	\$133.00
Priority Pollutant Metals – 13 Metals	6010B/7470	\$138.00	\$138.00
RCRA Metals - 8 Metals	6010B/7470	\$121.00	\$121.00
First Metal	6010B	\$23.00	\$23.00
Additional elements (each)	6010B	\$12.00	\$12.00
ICPMS Metals			
TAL Metals - 23 Metals	6020/7470	\$230.00	\$230.00
Title 22 CAM Metals -17 Metals	6020/7470	\$170.00	\$170.00
Priority Pollutant Metals – 13 Metals	6020/7470	\$176.00	\$176.00
RCRA Metals - 8 Metals	6020/7470	\$156.00	\$156.00
First Metal	6020	\$28.00	\$28.00
Additional elements (each)	6020	\$14.00	\$14.00
Dissolved ICP Metals			
Dissolved TAL Metals - 23 Metals	6010B/7470	\$185.00	\$185.00
Dissolved Title 22 CAM Metals -17 Metals	6010B/7470	\$133.00	\$133.00
Dissolved Priority Pollutant Metals – 13 Metals	6010B/7470	\$138.00	\$138.00
Dissolved RCRA Metals - 8 Metals	6010B/7470	\$121.00	\$121.00
Dissolved First Metal	6010B	\$23.00	\$23.00
Additional dissolved elements (each)	6010B	\$12.00	\$12.00
Dissolved ICPMS Metals			
Dissolved TAL Metals - 23 Metals	6020/7470	\$230.00	\$230.00
Dissolved Title 22 CAM Metals -17 Metals	6020/7470	\$170.00	\$170.00
Dissolved Priority Pollutant Metals – 13 Metals	6020/7470	\$176.00	\$176.00
Dissolved RCRA Metals - 8 Metals	6020/7470	\$156.00	\$156.00
Dissolved First Metal	6020	\$28.00	\$28.00
Additional dissolved elements (each)	6020	\$14.00	\$14.00
Mercury	7471 /7470	\$29.00	\$29.00
Hexavalent Chromium	7196	\$55.00	\$62.50
Hex Chrom w Alkaline Digestion	3060/7196		\$77.50
Hexavalent Chromium	218.6	\$92.00	\$107.00
Hexavalent Chromium	7199	\$105.00	\$120.00
Hex Chrom w Alkaline Digestion	3060/7199	NA	\$135.00
Lab Filtration for Dissolved Constituents		\$14.00	NA
Hazardous Waste Evaluation			
Ignitability - Flash Point	1010M	\$34.50	\$34.50
Corrosivity – pH	9040/9045	\$11.50	\$17.25
Reactive Cyanide	9010	\$57.50	\$57.50
Reactive Sulfide	1310	\$57.50	\$57.50
RCRA Waste -Leaching			
TCLP extraction (non-volatiles)	1311	\$52.00	\$52.00
Zero Head Space Extraction (volatiles)	1311	\$63.00	\$63.00
California Regulations STLC - Leaching			
WET/STLC Extraction	WET	\$52.00	\$52.00
Other Regulations - Leaching			
SPLP Leaching	1312	\$63.00	\$63.00

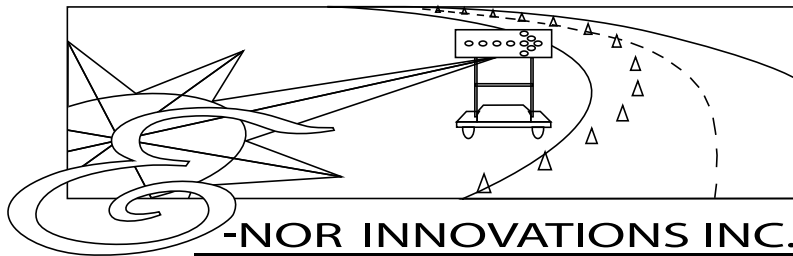
Note: Total charge based on Leaching charge + Analysis

PARAMETERS	EPA METHOD	Unit Price (Water)	Unit Price (Soil)
Wet Chemistry / Water Quality			
Alkalinity	310.1	\$21.00	NA
TDS	160.1/SM2540C	\$21.00	NA
TSS	160.2/SM2540D	\$21.00	NA
BOD	405.1/ SM5210B	\$50.00	NA
COD	410.4	\$40.00	NA
Ferrous Iron (Iron II)	SM3500	\$35.00	NA
Iron III (Calculation)	Calculation - SM3500/6010	\$63.00	NA
Sulfide	376.1/SM4500	\$35.00	NA
TOC	415.1/SM5310	\$47.50	NA
Total Phosphorus	365.1/SM4500	\$47.50	\$45.00
Nitrite/Nitrate	SM4500	\$47.50	\$45.00
Ammonia as Nitrogen	350.1/SM4500	\$47.50	\$45.00
Total Kjeldahl Nitrogen	SM4500	\$47.50	\$45.00
Total Nitrogen	by calculation	\$15.00	\$10.00
Methane, Ethene, Ethane	RSK175	\$85.00	NA
Carbon Dioxide	RSK175	\$85.00	NA
Ion Chromatography			
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	300.0	\$18.00	NA
Per anion (NO3, NO2, SO4, F, Cl, OPO4, Br)	9056	\$18.00	\$23.00
Metabolic/Organic Acids	300M	\$150.00	\$175.00
Miscellaneous Tests			
Asbestos PLM-Bulk-Qualitative	PLM	NA	\$35.00
<i>Note: Unit Price Per layer</i>			
Silica Gel Cleanup	SGT	\$20.00	\$20.00

PARAMETERS	EPA METHOD	Unit Price (Water)	Unit Price (Soil)
Other Services (Surcharges)			
Turnaround Times			
Standard:	5-7 working days		0%
Rush:	3 working days		50% (with prior scheduling)
	2 working days		60% (with prior scheduling)
	1 working days		100% (with prior scheduling)
Composite Fee	per container	\$15.00	\$15.00
Environmental Management Fee (1)	per container	\$5.00	\$5.00
EDD			
First standard EDD			No charge
Each additional EDD, if more than one is required			2%
<i>Note: Min of \$10 per SDG, maximum of \$75 per SDG.</i>			
Reports			
Level II Data Package	Level II		0%
Level III Data Package	Level III		10%
Level IV Data Package	Level IV		15%
PDF Report			0%
Hardcopy Report			At Cost

Notes

(1) Environmental management fee is only applied to samples not analyzed and placed on hold. Fee covers sample disposal and storage.



DVBE/SBE CERTIFIED CO. LIC. #931953

16213 Illinois Ave. Paramount, CA 90723
(310)513-6209 Ph 310-513-6299 Fax

DVBE/SBE# 37084
UDBE/DBE/MBE/SBE#37718
Public Works DIR#1000007079

Date: 8/31/16 - 2021

To: Cristina Perez, Leighton Group

PROJECT NUMBER: Los Angeles County Department of Public Works (LACDPW)

ITEM DESCRIPTION

COST

LABOR RATES EFFECTIVE 10/01/2016 – 10/31/2021	
Labor Monday-Friday, 2 person crew, 8 hour shift for lane closure	\$1,650.00 per 8 hour shift
Labor Monday-Friday, 2 person crew, 10 hour shift for lane closure	\$2,110.00 per 10 hour shift
Equipment for each lane closure , includes: Truck, 150 cones, 5 small signs (size 24x24, 36x36), 4 large signs (size 48x48) and 1 arrowboard.	\$200.00 per day, per lane
Labor, Straight time, up to 8 hours Monday-Friday	\$103.00 per person, per hour
Labor, Overtime – after 8 hours Monday-Friday, Saturday up to 12 hours	\$115.00 per person, per hour
Labor, Double Time – after 12 hours Monday-Saturday, Sunday all hours	\$135.00 per person, per hour
ADDITIONAL EQUIPMENT RENTAL RATES, in addition to equipment listed above	
Arrowboard, rental	\$30.00 each, per day
CMS Unit, rental	\$60.00 each, per day
Cones, additional, rental	\$0.50 each, per day
Large signs, additional (size 48x48), rental	\$3.75 each, per day
Small signs, additional (size 24x24, 36x36), rental	\$2.00 each, per day

SATURDAY AND SUNDAY RATE WILL BE BILLED AT OVERTIME AND DOUBLETIME RATES. ALLOW HALF HOUR SET UP AND HALF HOUR PICK UP. DEPENDING ON TRAFFIC.

ALL PROVISIONS: WILL BE ADDED AS PART OF CONTRACT BEFORE PROCEEDING.

- A. NO CONTRACT WILL BE SIGNED UNLESS ALL PROVISION ARE INCLUDED.
- B. BILLING WILL BE AT A 4 HOUR MINIMUM FOR CALL OUTS TO JOB AND CANCELLATION OCCURS.
- C. E-NOR INNOVATIONSINC. IS A UNION CONTRACTOR.
- D. PAYMENT IS DUE WITHIN 30 DAYS FROM INVOICE DATE 1.5% MONTHLY FINANCE CHARGE AFTER 30 DAYS.

- E. IF REQUIRED ADDITIONAL EQUIPMENT (I.E. CHANGEABLE MESSAGE SIGN, ATTENUATOR TRUCK) TO BE PROVIDED BY E-NOR INNOVATIONS INC AT ADDITIONAL CHARGES.
- F. PRIME CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL PERMITS REQUIRED FROM CITIES INVOLVED.
- G. PRIME CONTRACTOR IS RESPONSIBLE TO COORDINATE AND PAY FOR HIGHWAY PATROL UNIT.
- H. THIS ITEM INTENTIONALLY LEFT BLANK
- I. IF SPECIAL WORDING INSURANCE IS NEEDED THE AMOUNT TO BE PAID BY CONTRACTOR ALONG WITH WAIVERS OF SUBROGATION INSURANCE THE 3 % OF PAYROLL WILL BE CHARGED TO CONTRACTOR. IF NOTARY SERVICES ARE REQUIRED, PRIME CONTRACTOR IS RESPONSIBLE FOR THOSE CHARGES.
- K. EXCLUDES SPECIAL INSURANCE REQUIREMENTS. (I.E. INCREASED GENERAL LIABILITY FOR RAILROAD INSURANCE)
- L. IF EQUIPMENT IS RENTED FOR SET UP ONLY, CONTRACTOR IS RESPONSIBLE FOR CLOSURE UNTIL E-NOR INNOVATIONS INC. PICKS UP CLOSURE.
- M. ALL SIGN AND MARKER LOCATION / MARK-OUT TO BE DONE BY OTHERS AND MUST BE COMPLETED PRIOR TO E-NOR INNOVATIONS, INC. STARTING WORK. E-NOR INNOVATIONS, INC. IS NOT RESPONSIBLE FOR DAMAGE TO UNDERGROUND FACILITIES, NOT SHOWN ON PLANS OR, NOT MARKED OUT BY OTHER AGENCIES. (IE. CALTRANS)
- N. ALL CHANGE ORDER WORK MUST BE APPROVED BY AGENCY / OWNER PRIOR TO WORK BEING PERFORMED BY E-NOR INNOVATIONS INC.
- O. CONTRACTOR WILL BE CHARGED FOR ENOR INNOVATIONS INC. EMPLOYEES STAFF FOR ALL CLASSES/TRAINING FOR PROJECT.
- P. E-NOR INNOVATIONS INC. RESERVES RIGHT TO SUBCONTRACT WORK TO COMPLETE PROJECT.
- Q. NO WORK WILL BE PERFORMED UNTIL THIS PROPOSAL IS SIGNED AND FAXED/MAILED TO OUR PARAMOUNT OFFICE.
- R. E-NOR INNOVATION CHARGES PORTAL TO PORTAL.
- S. E-NOR INNOVATIONS INC., IS A SUPPLIER OF NON-MANUFACTURED ITEMS
- T. K-RAIL, SALES OR RENTAL WITH INSTALLATION, IS AVAILABLE.

Should you have any questions, please contact me at (310) 513-6209. We look forward to working with you.

Sincerely,

Kenny Jones/TJ

Enviro-Tox Services, Inc.

Fee Schedule for Professional Services

2016 to 2021

Professional Services

	<u>Hourly Rates</u>
Principal	\$190.00
Associate	\$170.00
Senior	\$135.00
Project	\$120.00
Staff	\$90.00
Technician	\$75.00

Support Services

Technical Editor	\$80.00
CAD Drafter	\$80.00
Clerical	\$65.00

Notes:

- The above rates do not apply to depositions and court appearances. Fees for these services are 150 percent of those stated above for professional services. A minimum charge of one-half day is applicable for these services.



Eurofins Calscience, Inc. is an industry leader within the environmental laboratory testing community, providing excellent service for over 30 years. We offer a comprehensive portfolio of analytical methods and our analytical expertise encompasses all environmental matrices including, air, groundwater, sea water, sediment, soil, wastewater and tissue.

County of Los Angeles Department of Public Works Fee Schedule

Valid October 1, 2016 through October 31, 2021



Southern California - Main Laboratory

7440 Lincoln Way
Garden Grove, California 92841-1427
714-895-5494

Northern California – Service Center

5063 Commercial Circle, Suite H
Concord, CA 94520-8577
925-689-9022

The difference is service

Soil & Water

ORGANICS

ANALYSIS

1,2,3-Trichloropropane - Low Level	SRL 524M-TCP	100
1,4-Dioxane - Low Level	8260B SIM	100
1,4-Dioxane (Isotope Dilution) - Low Level	EPA 8270C/D SIM	175
Dissolved Gases – Carbon dioxide in water	RSK 175(M)	90
Dissolved Gases - Methane in water	RSK 175(M)	90
Dissolved Gases - Methane, Ethane & Ethene in water	RSK 175(M)	100
Explosives - Nitroaromatics and Nitramines	EPA 8330	200
Fumigants (EDB, DBCP) by GC/ECD	EPA 504.1	75
Herbicides, Chlorinated	EPA 8151A	165
N-Nitrosodimethylamine (NDMA) - Low Level	EPA 1625C(M)	200
Non-Halogenated Organics (2-Butanol, Ethanol, Isobutanol, Isopropanol, Methanol, n-Butanol)	EPA 8015B/D	125
Non-Halogenated Organics (Ethanol and/or Methanol)	EPA 8015B/D	100
Organochlorine Pesticides	EPA 8081A/B or 608	125
Organochlorine Pesticides - Extended Target List	EPA 8081A/B	135
Organochlorine Pesticides and PCBs	EPA 608	150
Organochlorine Pesticides and PCBs – Low Level	EPA 608	225
Organophosphorus Pesticides	EPA 8141A/B	150
Organophosphorus Pesticides - Extended Target List	EPA 8141A/B	165
Organotins (Dibutyltin, Monobutyltin, Tetrabutyltin, Tributyltin)	Krone et al. (GC/MS)	350
Organotins – Tributyltin only	Krone et al. (GC/MS)	200
PAHs - Low Level by Selective Ion Monitoring (SIM)	EPA 8270C/D SIM	165
PAHs - Low Level by HPLC	EPA 8310 or 610	175
PCB Congeners - Extended Target List	EPA 8270C/D SIM	350
PCB Congeners (Eurofins Eurofins Calscience list of 41 Congeners)	EPA 8270C/D SIM	300
Polychlorinated Biphenyls (PCBs - Aroclors)	EPA 8082/8082A or 608	75
Purgeable Halocarbons and Aromatics (601/602 or 8021 Target List) *	EPA 8260B/C or 624	100
Semivolatile Organic Compounds (SVOCs)	EPA 8270C/D or 625	200
SVOCs - Extended SIM List	EPA 8270C/D/625 SIM	275
SVOCs Appendix II or IX Target List (3 sample minimum)	EPA 8270C/D	325
SVOCs Tentatively Identified Compounds (TICs) add-on to 8270C/D	EPA 8270C/D	75
Volatile Organic Compounds (VOCs) *	EPA 8260B/C or 624	100
VOCs plus Fuel Oxygenates (MTBE, TBA, DIPE, ETBE, TAME, Ethanol)*	EPA 8260B/C	120
VOCs - Appendix II or IX Target List *	EPA 8260B/C	140
VOCs - Low Level 20 ml Purge (water)	EPA 8260B/C	120
VOCs - Tentatively Identified Compounds (TICs) add-on to 8260B/C	EPA 8260B/C	50
Volatile Fatty Acids (Acetic, Butyric, Lactic, Propionic, Pyruvic)	HPLC/UV	90

METHOD

PRICE \$

* Field sampling devices, such as EnCores™ or Terra Cores, are not included in the unit rate, see page 3.

UNDERGROUND FUEL TANK

ANALYSIS	METHOD	PRICE \$
BTEX and/or MTBE *	EPA 8260B/C	80
BTEX and Fuel Oxygenates *	EPA 8260B/C	90
BTEX and/or MTBE *	EPA 8021B	50
Fuel Oxygenates (MTBE, TBA, DIPE, ETBE, TAME, Ethanol)*	EPA 8260B/C	90
Methanol and/or Ethanol *	EPA 8015B/D	100
Naphthalene	EPA 8260B/C	75
Naphthalene	EPA 8270C/D	100
NWTPH (TPH as Diesel/Motor Oil)	NWTPH – Dx	75
NWTPH (Volatile Petroleum Products)	NWTPH – Gx	50
Organic Lead (includes sample preparation)	CA DHS LUFT	80
PAHs – Low Level by Selective Ion Monitoring (SIM)	EPA 8270C/D SIM	165
Total Petroleum Hydrocarbons (TPH) – Diesel/Diesel Range Organic (DRO)	EPA 8015B/D(M)	50
Total Purgeable Petroleum Hydrocarbons (TPPH) add-on to 8260B/C	EPA 8260B/C	30
Total Recoverable Petroleum Hydrocarbons (TRPH)	EPA 418.1/418.1(M)	60
TPH – Extractable (GRO/DRO/ORO)	EPA 8015B/D(M)	75
TPH – Extractable with Carbon Chain Breakdown (C6-C36)	EPA 8015B/D(M)	75
TPH – Extractable with Carbon Chain Breakdown (C6-C44)	EPA 8015B/D(M)	80
TPH – Gas/Gasoline Range Organics (GRO) *	EPA 8015B/D(M)	50
TPH – Gas/GRO & BTEX *	EPA 8015B/D(M) & 8021B	60
TPH – Oil Range Organics (ORO)	EPA 8015B/D(M)	75
TPH – Purge & Trap (C6-C12)	EPA 8015B/D(M)	50
TPH –Specified Standard	EPA 8015B/D(M)	By quote
Volatile Organic Compounds (VOCs) plus Fuel Oxygenates *	EPA 8260B/C	120

See page 5 for Silica Gel Clean-up for TPH and other clean-up methods.

SOIL SAMPLING SUPPLIES for VOLATILES/PURGABLES

EnCores™, 5035 Sampling Devices (T-handle not included) **	\$10 (each)
5035 Terra Core Sampling Kits (includes sodium bisulfate and methanol preserved VOA's and sub-sampler.)	\$15(3 vial)
	\$25 (5 vial)

*** Field sampling devices, such as EnCores™ or Terra Cores, are not included in the unit rate.**

****Add \$10 Fee for 5035 sample preservation in the laboratory using sodium bisulfate and methanol.**

HAZARDOUS WASTE

ANALYSIS

Ignitability (Flashpoint)	EPA 1010	40
Ignitability (Soil/Solids)	EPA 1030	50
Corrosivity (as pH) (15 minute Hold Time)	EPA 9045D	10
Paint Filter Liquids Test	EPA 9095A	25

Reactivity

Cyanide	SW 846 Chapter 7	45
Sulfide	SW 846 Chapter 7	45
Cyanide and Sulfide	SW 846 Chapter 7	75

Toxicity – Sample Preparation

TTLIC Sample Digestion for Metals (excludes Hg and Cr VI)	EPA 3050B	15
TCLP/SPLP (Volatile) ZHE Extraction	EPA 1311/1312	75
STLC/TCLP/SPLP (Semi/Non-Volatile) Bottle Extraction	CAC Title 22/EPA 1311/1312	50

Toxicity – Sample Analysis

CA Title 22 - CAM 17 Metals: Sb , As , Ba , Be , Cd , Cr(t) , Co , Cu , Pb , Hg , Mo , Ni , Se , Ag , Tl , V , Zn	EPA 6010B/C & 7470A or 7471A	100
Organic Lead (includes sample preparation)	DHS LUFT	80
Individual Metals by ICP	EPA 6010B/C	10
Mercury	EPA 7470A/7471A	30
Chromium VI (24 hour Hold Time for waters, includes sample preparation)	EPA 7196A	60
Fluoride	SM 4500 F C	30
Dioxin (TCDD) (Subcontracted)	EPA 8280A/8290A	By quote
Herbicides, Chlorinated	EPA 8151A	165
Organochlorine Pesticides	EPA 8081A/B	125
Polychlorinated Biphenyls (PCBs - Aroclors)	EPA 8082/8082A	75
Semivolatile Organic Compounds	EPA 8270C/D	200
Volatile Organic Compounds	EPA 8260B/C	100
TCLP Metals (8) : As , Ba , Cd , Cr(t) , Pb , Hg , Se , Ag	EPA 6010B/C & 7470A	90
TCLP Full List (includes TCLP leaching procedures and TCLP target lists for the following methods: 6010B/C, 7470A, 8081A/B, 8082/A, 8151A, 8260B/C, & 8270C/D)	Various	750
96-hour Acute Aquatic Toxicity	California Dept. of Fish and Game	225
Asbestos (Subcontracted)	EPA 600/4-83-043/EPA 600/R-93/116	By quote

CLEANUPS

CLEANUP	METHOD	PRICE \$
Acid-Base Partition	EPA 3650B	By quote
Alumina Cleanup	EPA 3610B/3611B	30
CA LUFT Manual centrifugation/gravity separation for extractable fuel products in aqueous matrix.	CA DHS LUFT	60
ENVI-Carb/PSA	CEL SOP M234	40
Florisil Column	EPA 3620B/C	20
Gel Permeation Chromatography (GPC)	EPA 3640A	75
Silica Gel Cleanup (extract shake-out)		5
Silica Gel Cleanup (1-2 gram column)	EPA 3630C (M)	20
Silica Gel Cleanup (10 gram column with reverse surrogate)	CA DHS LUFT	60
Soxhlet Extraction	EPA 3540C	30
Sulfur Cleanup	EPA 3660B	30

Other protocols available, call for options and pricing

MULTI-INCREMENTAL SAMPLING

	METHOD	PRICE \$
Semi-volatile/non-volatile MIS per HI HEER Guidance	HI HEER	125
Volatile MIS per HI HEER Guidance	HI HEER	By quote
Metals Digestion, 10 gram sample (multiple digestions)	EPA 3050B	60
Mercury Digestion, 5 gram sample (multiple digestions)	EPA 3050B	60
Methanol kit for MIS volatile fraction sampling	EPA 5035	By quote

OTHER PREPARATIONS

Concrete Crushing	50
Soil Sieving	75

OTHER SUPPLIES

DI Water (1 Gallon)	10
Organic Free Water (1 L)	10

METALS

ANALYSIS	METHOD	PRICE \$
<u>Sample Preparation</u>		
Total Digestion	EPA 1010A/3020A/3050B	15
Sample Filtration for Dissolved Metals (Within 24 hrs)	EPA 3005A	10
Reductive Precipitation Procedure	SOP M225	90
TCLP/SPLP Bottle Extraction	EPA 1311/1312	50
STLC (WET) Extraction	CAC, Title 22, § 66261.126, App. II	50
<u>Sample Analyses</u> (Sample digestion fee is not included in unit rate for individual metals by ICP & ICP/MS)		
Chromium VI (24 hour Hold Time for waters)	EPA 218.6	100
Chromium VI (24 hour Hold Time for waters)	EPA 7196A	60
Chromium VI (24 hour Hold Time for waters)	EPA 7199	90
Chromium VI (soil/solid matrix)	EPA 7199/3060A	100
Individual Metals by ICP	EPA 6010B/C or 200.7	10
Individual Metals by ICP/MS	EPA 6020/6020A or 200.8	20
Mercury by Cold Vapor AA (includes digestion)	EPA 7470A/7471A/ or 245.1	30
Mercury – Low Level (water)	EPA 1631	120
CA Title 22 - CAM 17 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6010B/C & 7470A or 7471A	100
CA Title 22 - CAM 17 Metals: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Hg, Mo, Ni, Se, Ag, Tl, V, Zn	EPA 6020/6020A & 7470A or 7471A	125
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.7 & 245.1 or EPA 6010B/C & 7470A or 7471A	95
Priority Pollutant Metals: Sb, As, Be, Cd, Cr(t), Cu, Pb, Hg, Ni, Se, Ag, Tl, Zn	EPA 200.8 & 245.1 or EPA 6020/6020A & 7470A or 7471A	120
TCLP (RCRA) Metals: As, Ba, Cd, Cr(t), Pb, Hg, Se, Ag	EPA 6010B/C & 7470A or 7471A	90
ICP Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, P, K, Se, Si, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6010B/C or 200.7	100
ICP/MS Metals Scan: Al, Sb, As, Ba, Be, B, Cd, Ca, Cr(t), Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Sr, Ag, Na, Sn, Ti, Tl, V, Zn	EPA 6020/6020A or 200.8	125
Appendix I List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn, Hg	EPA 6010B/C & 7470A or 7471A	100
Appendix I List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn, Hg	EPA 6020/6020A & 7470A or 7471A	120
Appendix II/IX List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, Sn, V, Zn, Hg	EPA 6010B/C & 7470A or 7471A	110
Appendix II/IX List: Sb, As, Ba, Be, Cd, Cr(t), Co, Cu, Pb, Ni, Se, Ag, Tl, Sn, V, Zn, Hg	EPA 6020/6020A & 7470A or 7471A	135
ICP/MS Metals Scan with Reductive Precipitation Preparation: As, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Zn	SOP M225/EPA 6020/6020A or 200.8	275
Sea Water Metals: Al, Sb, As, Ba, Cd, Cr, Co, Cu, Fe, Pb, Mn, Mo, Se, Ag, Tl, V, Zn	EPA 1640	300

Parameters shown in **Bold** have short Hold Times

WET CHEMISTRY

ANALYSIS	METHOD	PRICE \$
Acidity	SM 2310 B (EPA 305.1)	30
Ash Free Dry Mass	SM 10300 C	30
Anions by IC (F, Cl, Br, NO₂ , NO₃ , SO ₄ , o-PO ₄) (48 hour Hold Time)	EPA 300.0	60
Any single anion	EPA 300.0	25
Any two anions	EPA 300.0	40
Any three anions	EPA 300.0	50
Alkalinity, Total	SM 2320 B (EPA 310.1)	20
Alkalinity, Speciated (bicarbonate, carbonate, hydroxide)	SM 2320 B (EPA 310.1)	20
Biochemical Oxygen Demand (48 hour Hold Time)	SM 5210 B (EPA 405.1)	50
Carbon Dioxide – headspace analysis	RSK 175(M)	90
Carbon Dioxide (24 hour Hold Time)	SM 4500 CO ₂ D	30
Bromide	SM 4500 Br B	30
Cation Exchange Capacity	EPA 9081	80
Chemical Oxygen Demand (reflux)	SM 5220 C (EPA 410.1)	80
Chemical Oxygen Demand (spectrophotometric)	SM 5220 D/EPA 410.4	25
Chloride	SM 4500 Cl C (EPA 325.3)	30
Chlorine, Free (15 minute Hold Time)	SM 4500 Cl F (EPA 330.4)	20
Chlorine, Total Residual (15 minute Hold Time)	SM 4500 Cl F (EPA 330.4)	20
Chromium VI (24 hour Hold Time)	EPA 218.6	100
Chromium VI (24 hour Hold Time)	EPA 7196A	60
Chromium VI (24 hour Hold Time)	EPA 7199	90
Chromium VI (soil/solid samples)	EPA 7199/3060A	100
Color (48 hour Hold Time)	SM 2120 B (EPA 110.2)	20
Cyanide, Amenable	SM 4500 CN G	90
Cyanide, Free	SM 4500 CN I	45
Cyanide, Total	SM 4500 CN E (EPA 335.2)	45
Cyanide, Total	EPA 9010C/9014	45
Density	ASTM D1475(M)	25
Fluoride (ISE)	SM 4500 F C (EPA 340.2)	30
Dissolved Organic Carbon (Sample filtration required within 24 hours)	SM 5310 D (EPA 415.1)	50
Formaldehyde (24 hour Hold Time)	ASTM D6303-98	95

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

WET CHEMISTRY (continued)

ANALYSIS	METHOD	PRICE \$
Hardness, Total	SM 2340 C (EPA 130.2)	20
Hardness, (Magnesium, calc. from Calcium & total hardness)	SM 2340 B	20
Hydrazine (24 hour Hold Time)	ASTM D1385	95
Hydrogen Sulfide (24 hour Hold Time)	HACH Model HS-C	20
Hydrochloric Acid, Percent	Sodium Carbonate Titration	50
Ignitability (Flashpoint)	EPA 1010	40
Ignitability (Soil/Solid)	EPA 1030	50
Iodide	SM4500 ID(M)	40
Ion Balance	Calculation	20
Iron, Ferrous (24 hour Hold Time)	SM 3500 Fe B	50
Mercaptans (48 hour Hold Time)	LACSD 258	70
Moisture Content	ASTM D2216	15
<u>Nitrogen</u>		
Ammonia (Titration with distillation)	SM 4500 NH3 B/C (EPA 350.2)	50
Ammonia (Unionized)	SM 4500 NH3 B/C (EPA 350.2)	60
Ammonia (Ion Selective Electrode (ISE) with distillation)	SM 4500 NH3 F (EPA 350.3)	50
Ammonia (Segmented Flow Analyzer (SFA))	EPA 350.1(M)	60
Nitrate (48 hour Hold Time)	SM 4500 NO3 E/SM 4500 NO2 B	70
Nitrite (48 hour Hold Time)	SM 4500 NO2 B (EPA 354.1)	35
Nitrate & Nitrite (48 hour Hold Time)	SM 4500 NO3 E (EPA 353.3)	40
Organic	SM 4500 NH3 B/C/4500 N Org B	100
Total Kjeldahl	SM 4500 N Org B (EPA 351.3)	60
Total Kjeldahl (SFA)	EPA 351.2(M)	60
Total Nitrogen (48 hour Hold Time)	SM 4500 NO3 E/4500 N Org B	95
Total Inorganic Nitrogen (48 hour Hold Time)	SM 4500 NO3 E/4500 NH3 B/C	90
Odor (24 hour Hold Time)	SM 2150 B	20
Oil and Grease	SM 5520 B or 413.1	60
Oil and Grease; Hexane Extractable Material (HEM)	EPA 1664A	60
Oil and Grease; HEM - Silica Gel Treated (SGT)	EPA 1664A	70
Oxygen, Dissolved (15 minute Hold Time)	SM 4500 O G	20
Paint Filter Liquids Test	EPA 9095B	25
pCBA	EPA 314.0(M)	60
Perchlorate, Soil	EPA 314.0(M)	90
Perchlorate, Water	EPA 314.0	60
Perchlorate, Water	EPA 331.0(M)	*185
Perchlorate, Soil or Water	EPA 6850	*200
pH (15 minute Hold Time)	SM 4500 H+B or EPA 9045D	10

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

*The unit rate does not include the method mandated sampling kit for water samples; the unit rate for the kit is \$8.50.

WET CHEMISTRY (continued)

ANALYSIS	METHOD	PRICE \$
Phenolics, Total	SM 5530 D or EPA 9065 or 420.1	50
Phosphate, Ortho (48 hour Hold Time)	SM 4500 P B/E	30
Phosphate, Ortho (SFA) (48 hour Hold Time)	EPA 365.1(M)	60
Phosphate, Total	SM 4500 P B/E	50
Phosphate, Total (SFA)	EPA 365.1(M)	60
Phosphorous, Total	SM 4500 P B/E (EPA 365.3)	50
Phosphorous, Total (SFA)	EPA 365.1(M)	60
Redox Potential (24 hour Hold Time)	ASTM D1498	30
Resistivity	EPA 120.1(M)	10
Salinity	SM 2520 B	20
Sediment Concentration in Water	ASTMD3977-97	25
<u>Solids (Residues)</u>		
Total Dissolved	SM 2540 C (EPA 160.1)	15
Total Suspended	SM 2540 D (EPA 160.2)	15
Total	SM 2540 B (EPA 160.3)	15
Volatile	EPA 160.4	25
Settleable (48 hour Hold Time)	SM 2540 F (EPA 160.5)	15
Volatile Suspended	SM 2540 D/EPA 160.4	45
Specific Conductance	SM 2510 B	10
Sulfide	SM 4500 S2 D (EPA 376.2)	30
Sulfide, Dissolved (15 minute Hold Time)	SM 4500 S2 D (EPA 376.2)	40
Sulfite (15 minute Hold Time)	SM 4500 SO3 B (EPA 377.1)	40
Surfactants (MBAS) (48 hour Hold Time)	SM 5540 C (EPA 425.1)	50
Thiosulfates (48 hour Hold Time)	LACSD 253A	60
Total Inorganic Carbon in Water/Liquids	SM 5310 D(M) (EPA 415.1)	40
Total Inorganic Carbon in Soil/Solids	EPA 9060A(M)	90
Total Organic Carbon in Water/Liquids	SM 5310 D (EPA 415.1)	40
Total Organic Carbon in Soil/Solids	EPA 9060A	80
Turbidity (48 hour Hold Time)	SM 2130 B (EPA 180.1)	15
<u>General Minerals</u>		
Calcium, Copper, Iron, Magnesium, Manganese, Sodium, Zinc, Alkalinity-speciated, Chloride, MBAS , pH , Sulfate, Nitrate , Nitrite , Conductivity, Hardness, & TDS	Various	275
<u>Cation-Anion Balance</u>		
Alkalinity, Calcium, Chloride, Fluoride, Iron, Magnesium, Manganese, Nitrate , Nitrite , pH , Potassium, Sodium, Conductivity, Sulfate, & TDS	Various	250

Parameters shown in **Bold** have short Hold Times. Methods shown in red are EPA methods which were replaced under the US EPA Methods Update Rule (MUR) effective April 11, 2007.

BIOASSAYS

ANALYSIS

96-hour Acute Aquatic Toxicity (% survival)

96-hour LC 50 Aquatic Bioassay (definitive) Includes % Survival

METHOD

California Dept. of Fish & Game

California Dept. of Fish & Game

PRICE \$

225

600

Air/Vapor

AIR/VAPOR

METHOD	DESCRIPTION	PRICE \$
8260B/C(M)	Soil Gas Analysis by GC/MS	
	- BTEX or MTBE Only	50
	- BTEX + Oxygenates + Ethanol	60
	- BTEX + Oxygenates + Naphthalene + Ethanol	75
TO-14A	Volatile Organics by GC/MS Full Scan	
	- Full TO-14A Target List	200
	- Full TO-14A Target List + MTBE	200
	- BTEX or MTBE Only	100
	- SCAQMD Rule 1150.1 Compounds	175
	- Add Tentatively Identified Compounds	50
EPA TO-15/TO-15(M)	Volatile Organics by GC/MS Full Scan	
	- EPA 8021B List	200
	- BTEX and MTBE	110
	- BTEX or MTBE Only	100
	- BTEX and Fuel Oxygenates	125
	- BTEX, Fuel Oxygenates + Naphthalene	130
	- Naphthalene	100
	- Full TO-15 List (Standard Target List)	200
	- Full TO-15 List + Fuel Oxygenates	225
	- Full TO-15 List + Oxygenates + Naphthalene	230
	- TO-15 Extended Target List	250
	- Add Tentatively Identified Compounds	50
	- Mass DEP Air-Phase Petroleum Hydrocarbons	200
EPA TO-15 SIM	Volatile Organics by GC/MS in SIM Mode *	
	- One compound	140
	- Two to five compounds	175
	- Six to ten compounds	200
	- Full SIM List	225
	- Full SIM List + Naphthalene	240

Soil Gas Leak Detection Compounds (IPA or 1,1-DFA) can be added to any of the methods shown above at no additional charge. Request for Leak Detection Compounds should be indicated on the Chain of Custody. If Helium tracer is required an additional fee of \$50 applies, see method ASTM D-1946 on page 13.

** Requires individually certified Summa™ canisters and flow controllers.*

AIR/VAPOR (continued)

METHOD	DESCRIPTION	PRICE \$
EPA TO-17	Analysis of Sorbent Tubes by GC/MS	
	- Naphthalene	140
	- Gasoline Range Organics	150
	- Diesel Range Organics	175
	- Volatile Organic Compounds	200
	Analysis from High Volume PUF Cartridges	
EPA TO-13A	- Polynuclear Aromatic Hydrocarbons *	180
EPA TO-4A/TO-10A	- Pesticides *	180
EPA TO-4A/TO-10A	- Polychlorinated Biphenyls (PCBs - Aroclors) *	180
	Analysis by GC	
ASTM D-2820	- C ₁ – C ₆ Hydrocarbon Speciation by GC/FID	80
EPA TO-3(M)	- C ₁ – C ₆ Hydrocarbon Speciation by GC/FID	80
EPA TO-3(M)	- TPH as Gasoline	75
EPA TO-3(M)	- Gasoline Range Organics C ₆ -C ₁₂	50
EPA TO-3(M)	- VOCs >= C ₃ as Hexane (SCAQMD permit compliance)	50
ASTM D-1946	- Fixed Gases (CO ₂ , CO, CH ₄ N ₂ , O ₂)	75
ASTM D-1946	- Helium and/or Hydrogen	50
EPA 16 GC/FPD	- Hydrogen Sulfide (24 hour Hold Time, requires Tedlar™ bag)	**75
SCAQMD 25.1	- Non-condensables analysis for TGNMO and CH ₄	90
SCAQMD 25.1	- Non-condensables analysis for TGNMO, CH ₄ and fixed gases	120
SCAQMD 25.1	- Non-condensables analysis for fixed gases	90
RSK 175(M)	Headspace Analysis by GC	
	- Methane in water	90
	- Methane, Ethane & Ethene in water	100
	- Carbon Dioxide in water	90
	Particulates & Lead	
40 CFR, Part 50, App. G	- Lead Analysis, high-vol. sampling	40
40 CFR, Part 50, App. J	- TSP/PM ₁₀ Particulate, high-vol. sampling	30
40 CFR, Part 50, App. J	- TSP/PM _{2.5} Particulate, high-vol. sampling	30

*Additional fee for PUF cartridge, see page 14

** \$300 minimum charge

Parameters shown in **Bold** have short Hold Times

AIR/VAPOR SAMPLING EQUIPMENT & SUPPLIES

Rental conditions and prices are as follows:

1. Six-liter and one-liter Summa™ canisters are available for rent. The canisters are provided to our clients under full vacuum, so that sample collection can be accomplished without the use of a pump
2. Cleaning of canisters is to be performed by Eurofins Eurofins Calscience since canisters are easily damaged or destroyed if improperly cleaned.
3. Client is responsible for the canisters. Lost or damaged canisters will be billed at current market rates.
4. Canister rental period is two weeks. Advance arrangements are required for rental periods in excess of two weeks. Additional fees apply for extended rental periods.
5. Canisters which are return shipped via UPS or Federal Express should be insured for \$600 each.

Rental Fees:

Six-liter or one-liter canister rental:

\$40 with batch certification

\$100 with individual certification

\$125 with SIM certification

Flow controllers, used for integrated sampling (8-24 hours):

\$30 with batch certification

\$60 with individual or SIM certification

\$25 with soil gas manifold set at <200 cc per minute flow rate

Duplicate Sampling "T":

\$15 with batch certification

\$25 with individual certification

Sorbent Tubes:

\$40 with batch certification

\$100 with individual certification

Swagelok fittings: Available upon request

Rates for Other Equipment (purchase)

Teflon tubing: \$5/foot

PM 10 or PM 2.5 Filters: \$10 each

PUF Cartridge (High Volume): \$45

PM10/PM2.5 Filter: \$18

Air sampling bags, such as Tedlar™ bags, price per one-Liter bag: \$12.00.



Advance payment or a deposit will be necessary for canister or flow controller rental. Waivers of advance payment and deposit requirements are subject to credit approval.

Eurofins Calscience provides air sampling bags as a service to our clients. Eurofins Calscience does not manufacture air sampling bags; we purchase them from our vendors. Eurofins Calscience will not be responsible for leaky or otherwise substandard performance of the air sampling bags supplied.

Billing for Sampling Equipment: Unused sample containers cannot be returned to Eurofins Calscience for reuse due to possible contamination issues. Once sampling equipment leaves the custody of Eurofins Calscience it is considered to have been used. Clients will be billed for all canisters, bags, or other sampling devices that have been provided unless otherwise agreed upon. Canisters and flow controllers not returned within two weeks are subject to additional rental charges.

Marine Chemistry

Sediments, Tissues, Seawater & Elutriates

SEDIMENT

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A/B	140
Organochlorine Pesticides by GC/MS SIM	EPA 8270C/D SIM	275
Polychlorinated Biphenyl's (PCBs – Aroclors)	EPA 8082/8082A	90
PCB Congeners (Eurofins Calscience list of 41 Congeners) by GC/MS SIM	EPA 8270C/D(M) SIM	300
PCB Congeners - Extended Target List by GC/MS SIM	EPA 8270C/D(M) SIM	350
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C/D(M) SIM	165
Phenols Low-level by GC/MS SIM	EPA 8270C/D(M) SIM	165
Phthalates Low-level by GC/MS SIM	EPA 8270C/D(M) SIM	165
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C/D(M) SIM	175
Pyrethroids by GC/TQ	EPA 8270D(M) TQ	375
Semivolatile Organic Compounds (Phenols , Phthalates , PAHs) by GC/MS SIM	EPA 8270C/D(M) SIM	275
Total Recoverable Petroleum Hydrocarbons (TRPH)	418.1(M)	60
Total Petroleum Hydrocarbons (TPH)-Gasoline	EPA 8015B/D(M)/GRO	50
TPH-Diesel	EPA 8015B/D(M)/DRO	50
TPH with Carbon Chain Breakdown (C6-C44)	EPA 8015B/D(M)	80
Volatile Organic Compounds (VOCs) plus Fuel Oxygenates	EPA 8260B/C	120
Organotins (Dibutyltin , Monobutyltin , Tetrabutyltin , Tributyltin)	Krone et al. (GC/MS)	250
Organotins – Tributyltin only	Krone et al. (GC/MS)	150
Total Organic Carbon (TOC)	EPA 9060A	80
Metals in Sediment: As , Cd , Cr , Cu , Pb , Ni , Se , Ag , Zn	EPA 6020/6020A	200
Mercury	EPA 7471A	30
Ammonia, Total	SM 4500 NH3 B/E(M)	35
Chromium VI	EPA 7196A	60
Chromium VI - Low Level	EPA 7199/3060A	100
Moisture Content/Total Solids	ASTM D-D216 or SM2540B	15
Particle Size Analysis (Sieve or Laser)	ASTM D422 or D4464(M)	75
Sulfide, Total	SM 4500 S2 D(M)	30
Sulfide, Total (Field preservation required)	EPA 9030B/9034	75
Sulfide, Dissolved (Pore Water) (24 hour Hold Time)	SM 4500 S2 D(M)	45
Sulfide, Dissolved (Field preservation required)	EPA 9030B/9034	75

Samples are subject to additional fees for homogenization, compositing, and/or GPC or other clean-up.

ELUTRIATE PREPARATION

For any elutriate preparation, whether it be the SET, MET, EET, or DRET, there is a set-up charge for bench space, material, solids testing and management.

ANALYSIS	PRICE \$
SET Set-up Charge	250
MET, EET, or DRET Set-up Charge	500
SET, per sample	250
MET, EET, or DRET without DO & TSS, per sample	500
MET, EET, or DRET with DO & TSS, per sample	600

SEAWATER & ELUTRIATES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A/B	150
Organochlorine Pesticides by GC/MS SIM	EPA 8270D(M) SIM	275
PCBs (Aroclors)	EPA 8082/8082A	100
PCB Congeners (List of 41 Congeners) by GC/MS SIM	EPA 8270D(M) SIM	300
PCB Congeners - Extended List by GC/MS SIM	EPA 8270D(M) SIM	350
Phenols Low-level by GC/MS SIM	EPA 8270C/D(M) SIM	175
Phthalates Low-level by GC/MS/SIM	EPA 8270C/D(M) SIM	175
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C/D(M) SIM	175
Polybrominated Diphenyl Ethers (PBDEs) (Isotope Dilution)	EPA 8270 (M) SIM	By quote
Pyrethroids by GC/TQ	EPA 8270D(M) TQ	300
Organotins (Dibutyltin , Monobutyltin , Tetrabutyltin , Tributyltin)	Krone et al. (GC/MS)	250
Organotins – Tributyltin only	Krone et al. (GC/MS)	150
Sea Water Metals: As , Cd , Cr , Cu , Pb , Ni , Se , Ag , Zn	EPA 6020/6020A	200
Sea Water Metals Scan with Reductive Precipitation Preparation: As , Be , Cd , Cr , Co , Pb , Ni , Se , Ag , Zn	SOP M225/EPA 6020/6020A or 200.8	275
Sea Water Metals: Al , Sb , As , Ba , Cd , Cr , Co , Cu , Fe , Pb , Mn , Mo , Se , Ag , Ti , V , Zn	EPA 1640	300
Mercury	EPA 7470A	30
Total Suspended Solids	SM 2540 C	15
THB Reductive Precipitation Procedure (trace element determination)	SOP M225	90

TISSUES

ANALYSIS	METHOD	PRICE \$
Organochlorine Pesticides	EPA 8081A/B	200
Organochlorine Pesticides by GC/MS SIM	EPA 8270C/D SIM	300
PCBs (Aroclors)	EPA 8082/8082A	95
PCB Congeners (Eurofins list of 41 Congeners) by GC/MS SIM	EPA 8270C/D (M) SIM	375
PCB Congeners - Full list 209 Congeners by HRMS	EPA 1668	800
Polynuclear Aromatic Hydrocarbons by GC/MS SIM	EPA 8270C/D(M) SIM	*210
Pyrethroids by GC/TQ	EPA 8270D(M) TQ	300
Organotins (Dibutyltin , Monobutyltin , Tetrabutyltin , Tributyltin)	Krone et al. (GC/MS)	250
Tributyltin	Krone et al. (GC/MS)	200
Metals: As , Cd , Cr , Cu , Pb , Ni , Se , Ag , Zn	EPA 6020/6020A	175
Mercury	EPA 7471A	30
Lipids	Eurofins SOP	30
Moisture Content/Total Solids	ASTM D 2216/SM 2540 B	30
Sample Homogenization		35

PREPARATIONS & CLEANUPS

PROCEDURE	METHOD	PRICE \$
Gel Permeation Cleanup (GPC)	EPA 3640A	75
Silica Gel Cleanup	EPA 3630C (M)	20
Solid Phase Extraction (SPE)	EPA 3535A(M)	50
Sulfur Cleanup	EPA 3660B	30
ENVI-Carb/PSA	CEL SOP M234	40
Bivalve Shucking		By quote
Dissection		By quote
Sample Compositing		By quote
Sample Homogenization		By quote
Pore Water Preparation	Centrifugation	By quote

*PAH price includes GPC & Alumina clean-up

REFERENCE MATERIAL TESTING

Fees for Certified Reference Material (CRM) or Standard Reference Material (SRM) include the cost of the material plus analytical fee, as listed herein.

Samples are subject to additional fees for tissue preparation (e.g. shucking, dissections), homogenization, compositing, and/or GPC or other cleanup. Adequate sample volume must be received; please consults with our Project Manager prior to sampling. The standard turn-around time for tissue analysis is 15-25 working days depending upon the methods required.

Additional Information

GENERAL INFORMATION

LABORATORY LOCATIONS



Garden Grove - Main Facility (Sample Drop-off Location)

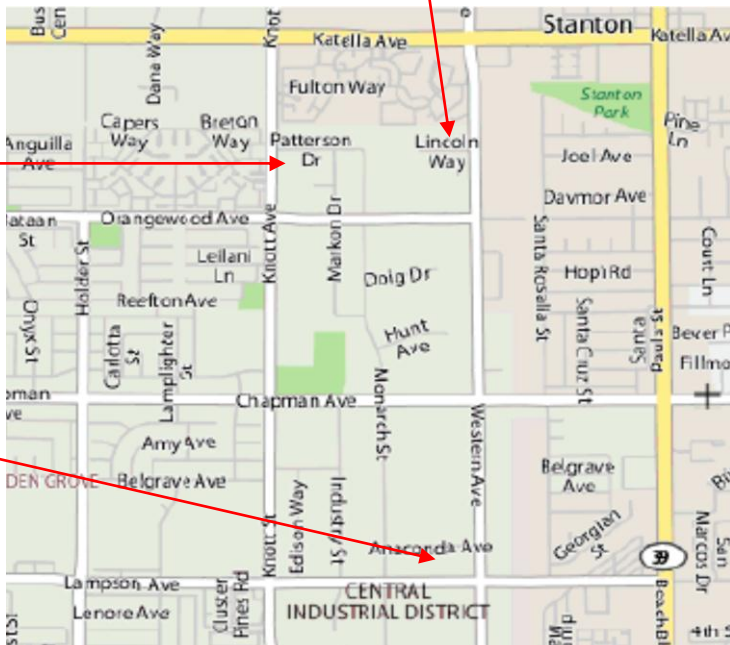
7440 Lincoln Way
Garden Grove, CA 92841-1427
Phone: 714-895-5494
Fax: 714-894-7501

Knott Ave. - Sample Container Pick-up Location

11380 Knott Ave.
Garden Grove, CA 92841-1400
Phone: 714-895-5494
Fax: 714-894-7501

Garden Grove - Lampson Facility

7445 Lampson Ave.
Garden Grove, CA 92841-2903
Phone: 714-895-5494
Fax: 714-897-2482



HOURS OF OPERATION

Normal working hours are 8:30 AM to 5:30 PM, Monday through Friday. Saturday sample receiving hours are 9:00 AM to 5:00 PM. While the laboratory is usually manned from 7:30 AM to 7:30 PM during normal working hours, pick-up or delivery outside of normal working hours, including weekends/holidays should be preceded by advance notice to ensure availability of personnel.

PICK-UP LOCATION FOR SAMPLING SUPPLIES

Customer pick-up for coolers and sampling supplies is located at our secondary facility at 11380 Knott Ave, Garden Grove, CA 92841-1400. Please note that samples cannot be accepted at this location, sample drop off is at main laboratory on Lincoln Way.

Directions to Sample Container/Bottle Preparation Facility (11380 Knott Ave) from Main Lab (7440 Lincoln Way):

- Right onto Western,
- Right onto Orangewood
- Right onto Knott
- Take second right into building complex

SAMPLE CONTAINERS Pre-preserved sample containers are furnished upon request, and are included in the cost of the analysis with the exception of supplies for EPA Method 5035 preparation for soils and air sampling devices.

Unused sample containers cannot be returned to Eurofins Calscience for reuse due to possible contamination issues. A minimum disposal fee of \$100 will apply to return of unused sample containers requiring disposal.

SAMPLE RECEIVING Sample Receiving is located at the main laboratory facility at 7440 Lincoln Way, Garden Grove, CA 92841-1427.

For our customers in Northern California, samples can be dropped off at our Concord, CA Service Center. For sample drop-off, please call ahead to ensure that there is someone available to receive samples.

Eurofins Calscience – Northern California Service Center
5063 Commercial Circle, Suite H
Concord, CA 94520-8577
Phone: 925-689-9022

COURIER SERVICE Laboratory personnel are available to pick-up samples for analysis free of charge (based upon availability), assuming a minimum \$250 analytical fee and an approximate 50 mile or less driving distance from the laboratory or our Concord service center. Couriers are not responsible for checking contents of coolers or accuracy of the Chain-of-Custody (CoC), this is the responsibility of the client designee signing the CoC.

TURNAROUND TIMES The normal turnaround time is five working days, with provision of electronic (pdf) or facsimile reports on the due date. Certain analyses or matrices (e.g. marine sediment) require a ten working day turnaround time. On request, hard copy reports can be mailed within one working day after the due date.

Turnaround times commence on the date and time samples are received by the laboratory, or when any CoC discrepancies are resolved. Please note that if a Eurofins Calscience courier receives samples in the field, the turnaround time does not commence until the courier arrives back at the laboratory. The courier may have additional stops before returning to the laboratory, so delays in commencing testing are possible when using a Eurofins Calscience courier. The turnaround time for samples received after normal business hours (i.e. after 1730 hours) will commence the following business morning (i.e. at 0830 hours).

Rush turnaround surcharges for analyses normally requiring five working days are as follows:

Immediate (timing to be arranged):	200%
24 hour (one working day):	100%
48 hour (two working days):	50%
72 hour (data provided by end of third day):	25%
96 hour (data provided by end of fourth day):	10%

Advance notice is strongly recommended for all rush analyses.

MINIMUM CHARGE	A minimum charge of \$300 per Work Order will apply unless otherwise agreed upon.
SAMPLE DISPOSAL	Disposal of solid and aqueous samples will occur 28 days following sample receipt unless other arrangements have been made in advance. Air samples will be retained only until analysis is completed.
DI WATER	\$10 per Gallon
ORGANIC FREE WATER	\$10 per Liter (advance notice required)
SAMPLE COMPOSITING	Samples that require compositing prior to analysis are subject to a \$4 per sample compositing fee. For example, four discrete soil samples requiring compositing to one sample for analysis would be subject to a \$16 compositing fee, plus the cost of analysis. This compositing fee may be increased for difficult samples, e.g. marine sediments or soils tightly compacted into sampling sleeves.
SAMPLE STORAGE & ARCHIVING	Solid and Aqueous samples received but not analyzed are subject to a sample disposal fee of \$5.00 per sample. Samples are normally stored for a period of 28 days after sample receipt. Samples requiring archiving beyond 28 days are subject to a fee of \$2.00 per sample per month at ambient temperature, or \$5 per sample per month under refrigeration/ frozen.
DATA VALIDATION PACKAGES	For projects requiring reporting of analytical and quality control data including raw data a surcharge of 15%, or \$150, whichever is greater, will apply for a full validation package. These surcharges are applicable to packages that are requested at the time of sample delivery. Requests for generation of data packages after results have been reported may result in additional fees. Validation packages are available on CD ROM. The standard TAT for validation packages is 20 working days.
ELECTRONIC DATA DELIVERABLES (EDD)	<p>Presentation of data in spreadsheet format (e.g. Excel or Access) is included in the cost of analysis if requested on or before the time samples are received by the laboratory. Requests for EDDs after the final report is prepared may result in a fee. Complex EDDs may also require a fee.</p> <p>Preparation of State mandated Geotracker EDF deliverables will require a fee of 5% of the analytical fee or \$25 per report, whichever is greater.</p>
ADDITIONAL REPORT COPIES	At Client request, Eurofins Calscience will provide additional copies of reports and/or supporting raw data that has previously been provided at a cost of \$25 plus \$0.05 per page. Additional fees may apply for archived data retrieval.



FLEMING ENVIRONMENTAL INCORPORATED

1372 E. Valencia Dr., Fullerton, CA 92821

(714) 871-2800 Office (714) 871-2801 Fax

License #746017

August 30, 2016

Leighton Consulting

Attn: Ines Cadavid-Parr

26074 Avenue Hall, Suite #21

Santa Clarita, CA 91355

Re: Los Angeles County DPW As-Needed Environmental Assessment, Remediation, and Compliance Services

Rates:

Prevailing Wages:

Construction Work:	<u>Straight Time</u>	<u>1.5 Times (Overtime)</u>
Foreman	\$140.00	\$210.00
Operator	\$140.00	\$210.00
Cement Mason	\$120.00	\$180.00
Electrician	\$150.00	\$225.00
General Labor	\$112.50	\$168.75
Truck Charge (Per Hour)	\$15.00	
Maintenance and Testing		
Technician and Truck	\$125.00	\$187.50
General Labor	\$125.00	\$187.50
Administration	\$75.00	
Truck Charge (Per Hour)	\$15.00	

Non-Prevailing Wage Rates

Construction Work:	<u>Straight Time</u>	<u>1.5 Times (Overtime)</u>
Foreman	\$115.00	\$172.50
Operator	\$115.00	\$172.50
Cement Mason	\$110.00	\$165.00
Electrician	\$125.00	\$187.50
General Labor	\$90.00	\$135.00
Maintenance and Testing		
Technician	\$105.00	\$157.50
General Labor	\$105.00	\$157.50
Administration	\$75.00	
Truck Charge (Per Hour)	\$15.00	

Above prices based on the following:

1. Prices valid through 2021.
2. Overtime starts after 3:00 pm.
3. Travel is billed.



LADPW Fee Schedule 2016 - 2021
Time and Materials/Fixed Price Contract

Labor

<u>Category</u>	<u>Hourly Rate</u>
Principal	\$ 205
Senior Geophysicist	165
Project Manager	135
CADD Operator	120
Senior Project Geophysicist	105
Project Geophysicist	95
Senior Staff Geophysicist	90
Staff Geophysicist	85
Senior Geophysical Technician	90
Geophysical Technician II	85
Geophysical Technician I	65
Administrative	55

Expenses

<u>Category</u>	<u>Fee</u>
Materials	Cost
Travel Expenses	Cost

Equipment Fees

See attached fee schedule

Subcontracts

Cost Overhead on Subcontracts	Cost
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Notes

1. Overtime hours for professional staff will be charged at straight time rates.
2. Reproduction and printing costs for reports, drawings, and other project records, excluding those for internal use or check prints and one hard-copy original, will be reimbursed at cost.
3. Preapproved express deliveries (such as FedEx) in excess of \$10 will be reimbursed at cost.

Valid through December 2021



LACDPW Equipment Fee Schedule (US\$)
Time and Materials/Fixed Fee Contract

Equipment Item (qty if more than 1)	Day	Week	Month
Geonics EM-31DL Terrain Conductivity Meter w/data logger (2)	100	500	1500
Geonics EM-61 High Sensitivity Digital Metal Detector w/data logger (2)	100	500	1500
Geonics EM-61MK2A High Sensitivity Digital Metal Detector w/data logger	140	700	2100
Geometrics G-858 Cesium Magnetometer	130	650	1950
Gem GSM-19 Walking Magnetometer	60	300	900
GSSI SIR3 Ground Penetrating Radar Unit (2)	60	300	900
GSSI SIR2, 2000, 3000 Ground Penetrating Radar Unit (5)	170	850	2550
GSSI SIR10, 20 Ground Penetrating Radar Unit (4)	330	1650	4950
GSSI GPR Antenna (1.5 GHz, 900, 500, 400, 300, 200 MHz – ground coupled)	60	300	900
Oyo DAS-1 48 Channel Seismograph w/ 48 Channel Expansion Module	280	1400	4200
Geometrics Geode 24-channel Seismograph (4)	110	550	1650
Twenty-five 8 to 40 Hz Geophones with Muller or Kooter takeouts (350)	30	150	450
Twenty-Five 4.5 Hz Geophones (80)	60	300	900
InstanTel Minimate Plus seismograph for vibration monitoring – add \$50 “Cal Fee” first use	90	450	1350
IVI T15000 MiniVib Seismic Reflection System including MiniVib	1650	8250	24750
Horizontally Polarized Shear-Wave Vibrator seismic Source (MicroVib)	990	4950	14850
Seismic Refraction/Reflection Cable, including adapters (25)	30	150	450
Input/Output RLS240M Roll Box with cable adapters	30	150	450
Betsy Downhole Percussion Firing Rod without shells	20	100	300
Accelerated Weight Drop (AWD) PEG40Kg (3) and Geometrics AWD 80Kg (1)	110	550	1650
Kinometrics Ranger or Oyo Geospace 1Hz Seismometer (8)	20	100	300
Kinometrics Episensor Accelerometer (2)	20	100	300
Metrotech/RadioDetection/Dynatel/Ditchwitch Utility Locator (8)	30	150	450
Fisher TW-6 Metal Detector (6)	10	50	150
Schonstedt GA72Cd Magnetic Locator (5)	10	50	150
IEI Impulse Echo System	220	1100	3300
HP Spectrum Analyzer	170	850	2550
GeoVISION Nano NTSC borehole camera	500	2500	7500
Sokkia Axis3 or Trimble Pro XR GPS Unit (2)	90	450	1350
Nikon AP-7 or Sokkia C300 Automatic Level (2)	10	50	150
Nikon NPL-362 Total Station	80	400	1200
General 210 Motorized Auger	10	50	150
Honda EX650 or EU2000i generator (3)	10	50	150
Polaris Ranger/Quad with Trailer, or Truck/Van (10)	110	550	1650

Complete Systems	Day	Week	Month
Full Utility Search Vehicle with GPR, Fisher, 2 EM utility locators, field supplies (5)	440	2200	6600
Full UST and Utility Search Vehicle with EM, Magnetic, GPR, Fisher, Metrotech, and RD400 equipment	720	3600	10800
SUE (Subsurface Utility Engineering) Equipment to augment Utility Search, including Compressor, Air powered spade and other digging tools, Vacuum Extraction System, and Nikon NPL-362 Total Station	440	2200	6600
Oyo P-S Wave Suspension Logging System with Logging Truck (w/o truck -\$100) (4)	1100	5500	16500
Robertson Borehole Televiewer (both HRAT and OPTV) including winch, Micrologger II, SmartWinch, and Logging Truck (w/o truck subtract \$100) (2)	610	3050	9150
Robertson E-Logging system including winch, Micrologger II, SmartWinch, E-log probe (16"/64" Normal Resistivity / Natural Gamma / SPR / SP), and Caliper probe, and Logging Truck (w/o truck subtract \$100) (2)	330	1650	4950
Geostuff Downhole Seismic Probe incl. cables, Geode, shear wave plank and vehicle	440	2200	6600
GEOVision "Double Whammy" high energy P- and S-wave surface source for downhole seismic, includes 3 PEG 40KG accelerated weight drop generators	440	2200	6600
GEOVision High-Speed Highway Air-Launched GPR Survey System with SIR20, laptop, RADAN, and one Air-Launched 1GHz or 2GHz antenna	550	2750	8250
- additional antenna add	170	850	2250
- with vehicle add	110	550	1650
Full StructureScan GPR Vehicle with SIR10B, laptop, RADAN, 2x1.5GB antenna, and on-site color plotting (2)	550	2750	8250
SASW System (HP Analyzer, 1 Hz seismometers, AWD or shaker source)	390	1950	5850
Full Surface-Wave System, including MASW, SASW, ReMi (includes SASW system plus refraction system with Geodes)	720	3600	10800
Seismic Refraction System (24 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system) (2)	440	2200	6600
Seismic Refraction System (48 channel, cables, geophones, sledge hammer, AWD or Betsy firing rod, level, GPS system, high voltage blaster, radio trigger)	720	3600	10800
MRI vibration survey system (HP Analyzer, PCB non-ferrous sensors, signal conditioner)	300	1500	4500
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 56 electrodes	410	2050	6150
AGI SuperSting R8 IP earth resistivity system with R8/112 Switch Box and 112 electrodes	720	3600	10800
Trimble R8 RTK GPS System (Rover, Base, Radio, Data Collector, etc.)	330	1650	4950
MicroVib Seismic Reflection System including MicroVib, Doghouse with 144Ch OYO DAS-1/ SeisNet Acquisition system, Input/Output Roll Box, 5KVA generator, 240 channels 40Hz S-wave geophones, and cables	1980	9900	29700
IVI T15000 MiniVib Seismic Reflection System including MiniVib, Doghouse with 144Ch OYO DAS-1/ SeisNet Acquisition system, Input/Output Roll Box, 5KVA generator, 240 channels 28Hz P-wave OR 40-Hz S-wave geophones, and cables	2420	12100	36300

Valid through December 2021

<u>Equipment & Labor</u>	<u>Rate</u>	<u>Units</u>	<u>Materials</u>	<u>Rate</u>	<u>Units</u>
Cone Penetration Test Rig, 2-man crew	\$ 375.00	hour	2" Blank PVC Sch 40	\$ 5.00	foot
Mud Rotary rig, two man crew,	\$ 330.00	hour	2" Slotted PVC Sch 40	\$ 8.00	foot
Fraste FS400/Gefco Rotary Rig, 3-man crew	\$ 455.00	hour	4" Blank PVC Sch 40	\$ 10.00	foot
Sonic Drill Rig, 3-man crew	\$ 750.00	hour	4" Slotted PVC Sch 40	\$ 15.00	foot
Truck/Track-Mounted Auger rig, 2man crew	\$ 305.00	hour	2" Fittings - Threaded	\$ 10.00	each
CME 95/850 Auger rig, 3-man crew	\$ 365.00	hour	2" Fittings - Slip	\$ 5.00	each
Air Vacuum Excavation, 2-man crew	\$ 235.00	hour	4" Fittings - Threaded	\$ 20.00	each
Truck Mounted Direct Push Rig, 1-man crew	\$ 190.00	day	4" Fittings - Slip	\$ 10.00	each
Water Truck Rig Tender	\$ 400.00	day	2" Locking Cap - Star Cap	\$ 55.00	each
Service Truck, CPT Support Truck	\$ 200.00	day	4" Locking Cap - Star Cap	\$ 65.00	each
Mud System	\$ 250.00	day	2" Locking Cap - Morrisons	\$ 15.00	each
Grout Pump/Steam Cleaner	\$ 150.00	hour	4" Locking Cap - Morrisons	\$ 25.00	each
Service Runs	\$ 100.00	day	3/4" PVC Blank	\$ 3.50	foot
Front-End Loader/Bobcat/Forklift	\$ 300.00	hour	3/4" PVC Slotted	\$ 5.00	foot
Fork Lift Delivery/Pickup	\$ 75.00	hour	3/4" Fittings	\$ 5.00	each
Additional Crew Member	\$ 75.00	mn/hr	Filter Sand - 50 lbs	\$ 15.00	bag
Premium Time -> 8 hours	\$ 25.00	mn/dy	Bentonite Chips	\$ 16.00	each
Per Diem	\$ 165.00	day	Bentonite Pellets TR-30 (5 gal. pail)	\$ 85.00	each
LIF-UVOST	\$ 1,750.00	each	Bentonite Pellets Reg (5 gal. pail)	\$ 52.00	each
Sapphire Window	\$ 150.00	day	Bentonite Drill Mud	\$ 20.00	bag
Ventilation Equipment, blower, 150' hose	\$ 175.00	hour	Bentonite Grout	\$ 30.00	bag
Pump Rig - 1-man crew	\$ 190.00	day	Portland Cement	\$ 15.00	bag
Submersible Pump	\$ 160.00	day	Ready Mix Concrete	\$ 10.00	bag
Portable Water Trailer	\$ 150.00	day	Quick Set Concrete	\$ 20.00	bag
Horiba Meter	\$ 90.00		Monitoring Well Box	\$ 150.00	each
			Anodized Stand Pipe	\$ 250.00	each
<u>Materials</u>			Bollards	\$ 55.00	each
55-gallon Drum	\$ 50.00	each	Wood Plugs	\$ 20.00	each
1/4" or 1/2" Tubing	\$ 1.00	foot	Core Box - Wood - HQ, NQ	\$ 45.00	each
Disposable Tips	\$ 35.00	each	Core Box - Cardboard HQ, NQ, PQ	\$ 20.00	each
Disposable Bailers	\$ 15.00	each	Level C PPE	\$ 75.00	mn/dy
SS Vapor Probes	\$ 45.00	each	Traffic Cones	\$ 28.00	each
PVC Vapor Probes	\$ 12.00	each	Concrete Core < 8" dia, 6" thick max	\$ 75.00	each
Sample Rings	\$ 8.00	each	Concrete Core 10" - 14", 6" thick max	\$ 125.00	each
Macro Core Tubes	\$ 8.00	each	Sales Tax Materials(at local rates)		

STANDARD FEE SCHEDULE

Los Angeles County Dept. of Public Works

2016-2021

- **Mobile Lab - Soil Vapor Services**
- **Mobile Lab - Soil & Water Services**
- **Fixed Lab - Soil Vapor & Air Services**
- **Fixed Lab - Soil & Water Services**
- **Drilling & Sampling Services**

Mobile Lab - Soil Vapor Services

MOBILE LAB - SOIL VAPOR

- **H&P 8260SV: VOCs (modified EPA 8260B)**

8260SV: Mobile Lab, Full Day, up to 15 analyses with standard RLs	day	\$1,800
8260SV: Mobile Lab, Half Day, up to 7 analyses with standard RLs	half day	\$1,300
Additional analyses over daily rate	each	\$125

- **Additional Analytical Services:**

TPH gas (C5-C12) by H&P 8260SV	each	\$25
APH by H&P 8260SV (Aliphatics/Aromatics)	each	\$50
Methane by EPA 8015m on-site	each	\$50
Fixed Gases CO ₂ /O ₂ /N ₂ by ASTM D1945 on-site	each	\$50

**CO can be analyzed, but must be done off-site with tedlar bag*

- **H&P TO-15: VOCs (modified EPA TO-15)**

TO-15: Mobile Lab, Full Day, 12 analyses	day	\$2,150
TO-15: Mobile Lab, Half Day, 6 analyses	half day	\$1,650
Additional analyses over daily rate	each	\$195

- **Additional Analytical Services:**

SIM Analysis for selected compounds (cost per sample)	each	\$25
TPH gas (C5-C12) by H&P TO-15	each	\$25
APH by H&P TO-15 (Aliphatics/Aromatics)	each	\$50
Methane by EPA 8015m off-site	each	\$50
Fixed Gases CO ₂ /O ₂ /N ₂ by ASTM D1945 off-site	each	\$50

**CO can be analyzed upon request*

- **EPA 8015m: Methane**

8015m: Mobile Lab, Full Day, up to 20 analyses	day	\$1,800
8015m: Mobile Lab, Half Day, up to 10 analyses	day	\$1,300
Additional analyses over daily rate	each	\$95

- **H&P TO-14: VOCs (modified EPA TO-14)**

TO-14: Mobile Lab, Full Day, 30 analyses	day	\$2,800
TO-14: Mobile Lab, Half Day, 15 analyses	half day	\$2,250
Additional analyses over daily rate	each	\$95

- **Additional Analytical Services:**

Tedlar Bags (often used with TO-14 sample collection/transport)	each	\$20
TO-15 Confirmation Analysis off-site (includes free summa rental)	each	\$170

- **Radon for Attenuation**

SEE FIXED LAB PRICING FOR RADON COSTS

ADDITIONAL SERVICES

- **Handheld Meters for Soil Vapor**

Hydrogen Sulfide: Jerome 631x GFD	day	\$450
Helium as Leak Check: MGD-2002 Dielectric Meter	day	\$350
Methane/CO ₂ /O ₂ /N ₂ : Landtec GEM 2000	day	\$250
Magnahelic Gauge for Probe Pressure (LADBS Methane Surveys)	day	\$25

Mobile Lab - Soil Vapor Services

ADDITIONAL SERVICES continued

- **Miscellaneous**

Sampling Assistant w/ Purge Pump and Vacuum Gauge	day	\$500
Individual 1-way Valve Termination (with a section of connector tubing)	each	\$3
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50
Tedlar Bags, if needed for sample transport or dilutions	each	\$20
- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD
- **Pre-Field Work Prep**

Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included
- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization: Greater Areas of Los Angeles Only (per vehicle)	day	\$150

Mobilization and Per Diem for out of area work is bid per project

Definitions, Notes, & Assumptions

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Progress of sampling and analysis will depend on site and sample conditions/concentrations.

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

H&P Laboratory Certifications can be found at www.handpmg.com/about/certifications

Mobile Lab - Soil & Water Services

MOBILE LAB - SOIL AND WATER

- **LUFT: TPH Gas (C5-C12), Diesel (C12-C24), Extended/Oil (C25-C36)**

LUFT: Mobile Lab, Full Day, up to 20 g/d/ext or 30 g/d analyses	day	\$1,800
LUFT: Mobile Lab, Half Day, up to 10 or 15 analyses	half day	\$1,300
Additional analyses over daily rate	each	\$59
- **EPA 8260B: VOCs**

8260B: Mobile Lab, Full Day, up to 15 analyses	day	\$1,800
8260B: Mobile Lab, Half Day, up to 7 analyses	half day	\$1,300
Additional analyses over daily rate	each	\$125

Additional Analytical Services:

TPH gas (C5-C12) by LUFT GC/MS in soil or water on-site	each	\$25
Ethanol by 8260B in soil or water on-site	each	\$25
5035 Prep Method (included with analyses on-site; 15 per day)	each	included
5035 Prep Kit for additional samples over 15 per day	each	\$20
- **Combo Lab: TPH + VOCs**

Combo: Mobile Lab, Full Day, up to 16 analyses (i.e. 8 samples for each)	day	\$1,800
Combo: Mobile Lab, Half Day, up to 8 analyses (i.e. 4 for each)	half day	\$1,300
Additional analyses over daily rate	each	\$125

ADDITIONAL SERVICES

- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50
- **Pre-Field Work Prep**

Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included
- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization Greater Area of Los Angeles (per vehicle)	day	\$150

Mobilization and Per Diem for out of area work is bid per project

Definitions, Notes, & Assumptions

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Progress of sampling and analysis will depend on site and sample conditions/concentrations.

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

H&P Laboratory Certifications can be found at www.handpmg.com/about/certifications

Fixed Lab - Soil Vapor & Air Services

SAMPLING SUPPLIES

- **Sample Containers & Supplies**

Summa Canister Rental, Batch Certified (400mL, 1L, 6L)	each	\$25
Summa Canister Rental, Individually Certified (400mL, 1L, 6L)	each	\$95
Soil Vapor Sample Kit w/ <200mL/min Flow Reg (no cost with tech)	each	\$25
Shut-In Test Kit (per sample)	each	included
Ambient Air Flow Regulator (e.g. 8 hour or 24 hour)	each	\$45
Tedlar Bag with Kit (500mL Tedlar, Syringe, 3-way Valve, Tubing)	each	\$20
Probe Vacuum Gauge Rental (one per project, not per sample)	each	\$25
- **Pre-Constructed Vapor Probe Kits**

Temporary Vapor Probe (Airstone, 1/8" Nylaflow, Valve Termination)	each	\$15
Permanent Vapor Probe (S.Steel Implant, 1/8" Nylaflow, Valve Termination)	each	\$35
Temporary Subslab Probe (Airstone, 1/8" Nylaflow, Valve Termination)	each	\$15
Permanent Subslab Probe (S.Steel Implant, Any Tubing, Swagelok top)	each	\$85
Individual 1-way Valve Termination (with a section of connector tubing)	each	\$3
SV Probes with 1/4" Teflon Tubing are bid per foot (\$3.50/ft + filter cost)	each	TBD

ANALYTICAL SERVICES

- **H&P 8260SV: VOCs (modified EPA 8260B)**

8260SV: Full List VOCs, Standard TAT	each	\$115
8260SV: Short List VOCs (<10 compounds), Standard TAT	each	\$100

Additional Analytical Services:

TPH gas (C5-C12) by H&P 8260SV	each	\$25
APH by H&P 8260SV (Aliphatics/Aromatics)	each	\$50
- **EPA TO-15: VOCs**

TO-15: Full List VOCs, Standard TAT	each	\$185
TO-15: Short List VOCs (<10 compounds), Standard TAT	each	\$170

Additional Analytical Services:

TPH gas (C5-C12) by EPA TO-15	each	\$25
APH by EPA TO-15 (Aliphatics/Aromatics)	each	\$50
- **Fixed Gases & Leak Check Compounds**

8015m: Methane, 3-day TAT included in cost	each	\$50
ASTM D1945: CO ₂ /O ₂ /N ₂ , 3-day TAT included in cost	each	\$50
<i>ASTM D1945: CO can be analyzed upon request at no additional cost</i>		
Leak Check Compound: 1,1-DFA or equivalent (8260SV or TO-15)	each	included
Leak Check Compound: IPA (8260SV or TO-15)	each	\$15
Leak Check Compound: Helium (ASTM D1945)	each	\$50
- **Radon for Attenuation**

Alpha-Scintillation Counting for Radon Attenuation Data (requires a tedlar)	each	\$150
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Fixed Lab - Soil Vapor & Air Services

ADDITIONAL SERVICES

- **RUSH Turnaround Times**

Standard TAT = preliminary data in 5-7 business days, final within 10	each	included
3-day TAT is a 25% mark-up	each	25%
48 hour TAT is a 50% mark-up	each	50%
24 hour TAT is a 100% mark-up and should be confirmed in advance	each	100%
SAME DAY TAT is a 200% mark-up and should be confirmed in advance	each	200%

- **Data Deliverables**

Standard Level II PDF Report, Hard Copy Optional	each	included
Level III PDF Report for Validation (10% of analytical costs)	each	10%
Level IV PDF Report for Validation (15% of analytical costs)	each	15%
Excel EDD, Standard Format	each	included
EDF for CA Geotracker (5% of analytical costs)	each	5%
EQUIS EDD (10% of analytical costs)	each	10%
Alternate EDD Formats, if included in the H&P LIMS system	each	10%
New EDD Formats, not already in LIMS system (bid per project)	each	TBD
DOD ELAP Data Package (bid per project)	each	TBD

- **Miscellaneous**

Canister Cleaning Charge (for summas used, but not analyzed)	each	\$75
J-Flags, Detections between RL and MDL	sample	\$15
TICs (Tentatively Identified Compounds)	sample	\$50

Definitions, Notes, & Assumptions

Standard TAT (5-7 business days) is assumed for all off-site analysis, unless otherwise indicated
Tedlars must be received 1-2 days after sampling, and on a Tues or Wed to facilitate stdnd TAT
Canister Rental Period is 10 business days (up to 1 month maximum without additional cost)
H&P Laboratory Certifications can be found at www.handpmg.com/about/certifications

Drilling & Sampling Services

Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.

DPT DRILLING SERVICES

- **Manual Hand Probe Equipment with One Technician**
SCOPE: Subslab or Shallow Soil Vapor Only (5' bgs or less)
Manual Hand Probe Technician, Full Day day \$1,200
Manual Hand Probe Technician, Half Day half day \$950
- **Strataprobe DPT Rig with One Driller**
SCOPE: Soil Vapor Only (deeper than 5' bgs)
Strataprobe DPT Rig, 1 Technician, Full Day day \$1,675
Strataprobe DPT Rig, 1 Technician, Half Day half day \$1,195
- **Strataprobe DPT Rig with Two-Man Crew (Driller/Helper)**
SCOPE: Soil, Groundwater, and/or Soil Vapor, Hand Augers
Strataprobe DPT Rig, 2 Technicians, Full Day day \$1,800
Strataprobe DPT Rig, 2 Technicians, Half Day half day \$1,300
- **Limited Access Rig + Strataprobe with Two-Man Crew (Driller/Helper)**
SCOPE: Soil, Groundwater, and/or Soil Vapor, Hand Augers
LAR + Strataprobe DPT Rig, 2 Technicians, Full Day day \$2,100
LAR + Strataprobe DPT Rig, 2 Technicians, Half Day half day \$1,600
- **Hand Auger Crew (Two Techs)**
SCOPE: Shallow Soil, Utility Clearance, etc.
Hand Auger Crew (no DPT), Full Day day \$1,650
Hand Auger Crew (no DPT) Half Day half day \$1,150

CONSUMABLES

- **General Drilling Consumables**
Soil Vapor Only Consumables (bentonite, sand, patch, etc) day \$200
Soil Vapor Only Consumables (bentonite, sand, patch, etc) half day \$150
Soil/GW/SV Consumables (acetate, bentonite, sand, patch, etc) day \$350
Soil/GW/SV Consumables (acetate, bentonite, sand, patch, etc) half day \$250
Additional GW Considerations: Temp PVC Casing, if necessary foot \$5
Additional GW Considerations: Disposable Bailers, if necessary each \$20
- **Vapor Probe Options (Subslab or Soil Vapor), with field installation**
PRT or Hand Probe Sampling Per Location (1/8" Nylaflo & Drop-off Pt) each \$10
Temporary Soil Vapor Probe (Airstone, 1/8" Nylaflo, Valve) each \$15
Permanent Soil Vapor Probe (S.Steel Implant, 1/8" Nylaflo, Valve) each \$35
Temporary Subslab Probe (Airstone, 1/8" Nylaflo, Valve) each \$15
Permanent Subslab Probe (S.Steel Implant, Any Tubing, Swagelok top) each \$85
Individual 1-way Valve Termination (with a section of connector tubing) each \$3
SV Probes with 1/4" Teflon Tubing are bid per foot (\$3.50/ft + filter cost)
Vapor Pin™ by Cox Colvin, Stainless Steel, with Secure Cover each \$115
- **Miscellaneous Services/Items**
Concrete Drilling, <6" with Rotomhammer or DPT Truck (1"-2" dia) each \$15
Concrete/Asphalt Coring by H&P Sub (estimated cost + 15%) lump sum TBD
55-Gallon Drum (delivery only) each \$75
Well Box, 3.5" or 5" diameter, with standard concrete seal each \$80
Well Box, 3.5" or 5" diameter, with SD DEH 12" diameter concrete seal each \$95

Drilling & Sampling Services

Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.

SOIL VAPOR SAMPLING SERVICES

NOTE: H&P Drillers and Chemists can perform vapor sampling (labor is included with daily rates). The costs below are for sampling for the fixed lab with no drilling or mobile lab work, and/or specialty sampling services.

- **Soil Vapor Sampling Services - Liquid Leak Check**
SCOPE: Soil Vapor Sampling from Existing Probes; drilling not included

Vapor Sampling Technician, Full Day	day	\$850
Vapor Sampling Technician, Half Day	half day	\$650
Liquid Leak Check (1,1-DFA), included with Sampling Service	each	included
- **Soil Vapor Sampling Services - Gaseous Leak Check**
SCOPE: Soil Vapor Sampling from Existing Probes; drilling not included

Vapor Sampling Technician, Full Day	day	\$850
Vapor Sampling Technician, Half Day	half day	\$650
Vapor Sampling Technician and Helper (for larger scopes), Full Day	day	\$1,250
Vapor Sampling Technician and Helper (for larger scopes), Half Day	half day	\$950
Gaseous Leak Check (Helium Shroud and Consumables)	sample	\$65
Gaseous Leak Check (MGD-2002 Dielectric Meter)	day	\$350

IN SITU SOIL VAPOR TESTING SERVICES

- **Soil Permeability Testing**
SCOPE: Done in conjunction with other field work

Soil Permeability Board and Pumps	day	\$150
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Note: Permeability Testing requires 1/4" Teflon for probe construction
- **Diffusion Coefficient Testing**
SCOPE: Done in conjunction with other field work

Helium Meter: MGD-2002 Dielectric Meter	day	\$350
Tedlar Bags: 1L and 3L Bags, 3 per location are required (\$15/each)	location	\$45
Helium Standard in 6L Summa Canister	each	\$75

AMBIENT AIR SAMPLING SERVICES

- **Air Sampling Tech**
SCOPE: 8-hour Air Sampling Event with Building Survey

Air Sampling Technician, Full Day	day	\$850
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SCOPE: 24-hour Air Sampling Event with Building Survey

Air Sampling Technician, Half Day (Budget 2 half days; drop off/ pick up)	half day	\$650
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ADDITIONAL COSTS

- **Handheld Meters for Soil Vapor**

Hydrogen Sulfide: Jerome 631x GFD	day	\$450
Helium as Leak Check: MGD-2002 Dielectric Meter	day	\$350
Methane/CO2/O2/N2: Landtec GEM 2000	day	\$250
Magnahelic Gauge for Probe Pressure (LADBS Methane Surveys)	day	\$25
Probe Vacuum Gauge	day	included

Drilling & Sampling Services

Prices reflect a discount with lab analysis. Sampling and installation without analysis is bid per project.

ADDITIONAL COSTS (continued)

- **Pre-Field Work Prep**

Site Walk, Half Day	half day	\$350
Pre-Project Safety Meeting (on-site)	hour	\$195
Pre-Project Safety Meeting (teleconference)	hour	included

- **Additional Costs**

Overtime, over 8 hours (per person)	hour	\$195
Mobilization for greater area of Los Angeles (per vehicle)	day	\$150

Mobilization and Per Diem for out of area work is bid per project

Definitions, Notes, & Assumptions

Level D PPE, Standard Work Day M-F.

A Full Day includes 8 hrs on-site between 7am and 6pm (Half Day is 4 hrs on-site)

Clearance of underground utilities is the responsibility of the client prior to sampling.

Progress of sampling and analysis will depend on site and sample conditions.

C-57 License Number: 920371

Travel, Per Diem, Nights/Wknds, Prevailing Wage, & increased PPE protection are bid per project.

HDR ENGINEERING, INC.
Southern California Operations
STANDARD CHARGES FOR PROFESSIONAL SERVICES
Effective January 1, 2016 to October 21, 2021

**Civil/Structure/Rail/Roadway Engineering
Right of Way, GIS, Environmental, Transportation Architecture**

	From \$/hr	To \$/hr
Sr. Company Officer	288	372
Principal in Charge, QA/QC	261	357
Sr. Environmental Manager/PM	275	288
Sr. Structures Manager/PM	200	322
Sr. Transit Manager/PM	175	317
Sr. Highway Manager/PM	189	304
Transportation Architects	121	241
Transportation Planners	92	234
Geotechnical	92	219
Highway Engineer	103	202
Transit Engineer	118	156
Structures Engineer	111	209
Sr Environmental Engineer/Planner	87	178
Environmental Engineer/Planner	87	164
Sr Biologist	104	148
Right of Way	78	172
CADD/Sr. Designer/Designer	81	207
Project Administrator	72	147
EIT	89	137
Biologist	72	103
Intern	55	62

Reimbursable Expenses

Outside Services:

Subconsultants	<i>at cost</i>
Printing	<i>at cost</i>
Outside Reproduction	<i>at cost</i>
Equipment Rental	<i>at cost</i>
Shipping/Postage	<i>at cost</i>
Travel	<i>at cost</i>



SCHEDULE OF CHARGES
Leighton Group / County of Los Angeles
Valid from October 2016 to October 2021

PERSONNEL COMPENSATION

<u>Classification - Description</u>	<u>Hourly Rate</u>
President (H.B. Spielman)	\$250.00
Principals - Senior Professional staff. Serve as Principal-in-Charge on client project assignments requiring corporate contractual authority.	225.00
Certified Industrial Hygienist (CIH), other than Principals - Senior Industrial Hygienist, Certified by the American Board of Industrial Hygiene and having 5 or more years of professional experience. Provides senior technical oversight and supervision on project work related to industrial hygiene, occupational safety and health disciplines, Indoor Air Quality and develops site specific Health and Safety Plans, Compliance Plans, Specifications, Safety Data Sheets, etc.	195.00
Certified Safety Professional (CSP) - Senior Safety Specialist Certified in the Comprehensive Practice of Safety by the Board of Certified Safety Professionals (CSP) and having 5 or more years of professional experience. Provides senior technical oversight and supervision on project work related to safety to include construction safety and related occupational safety and health disciplines.	195.00
Project Manager - Plans, directs, and oversees assigned projects. Consults with clients to determine compliance with environmental, safety & health standards, reports findings and offers solutions. Prepares, reviews, and evaluates project proposals, specifications and reports. Provides technical assistance and any other activity as directed or assigned.	125.00
Industrial Hygienist - Industrial Hygienist on Certified Industrial Hygienist (CIH) track. Participates in project work related to industrial hygiene, Indoor Air Quality, or the occupational safety and health disciplines. May perform hazardous materials inspections (to include lead and asbestos if appropriately certified). Provides project management support and directs technical work performed by junior level field technicians.	95.00
Safety Professional - Safety Specialist on Certified Safety Professional (CSP) track. Provides technical support on project work related to safety to include construction safety, electrical safety, personal protection and related occupational safety and health disciplines.	95.00
Certified Asbestos and/or Lead Consultant - Certified to perform hazardous materials inspections to include lead and/or asbestos. Trained to prepare hazardous materials abatement specifications and to provide project management support. Directs technical work performed by junior level technicians.	85.00
Certified Site Surveillance and/or Lead Sampling Technician - Conducts industrial hygiene-related field work to include asbestos and/or lead air monitoring and chemical sampling. Field staff are trained and qualified to perform asbestos air sample analyses using Phase Contrast Microscopy (PCM), are NIOSH 582 equivalent trained, and participate in Proficiency testing and Round Robins.	75.00



TECHNICAL AND ADVISORY SERVICES • ENVIRONMENTAL HEALTH AND SAFETY

Field Technician - Junior Level IH, safety, asbestos and/or lead field service staff having hands-on field experience. Provides technical support on project work related to asbestos, lead industrial hygiene or related occupational safety and health disciplines. 75.00

Clerical/Administrative - Clerical support staff member with word processing, report editing, and graphic art experience. 65.00

Direct Expenses

Other Field Equipment Fees	Per Quotation
Laboratory Analysis Fees	Per Quotation

Reimbursement for other direct expenses incurred in connection with the work will be per quotation.

- Note:**
- 1) For hours worked in excess of 8 hours in a day, on holidays, or on weekends, 150% of the above rates will be charged.
 - 2) For time spent away from HSA's office a minimum of 4 hours is charged.



INTERPHASE ENVIRONMENTAL, INC.

Mobile Laboratories & Direct Push Drilling

SCHEDULE OF PRICING W/PREVAILING WAGE

Direct-Push Sampling services: Discrete and Continuous Cored, Groundwater,
Soil Gas Sampling and SG well implant (covers up to 8 hours per day on site)

w/ 6600 Truck-Mounted Geoprobe Unit	}	\$2,600.00/ day - \$325.00/hour ¹
w/ 66DT Track Unit (Geoprobe 6610DT or 6620DT):		O.T. Hours & Saturday -
w/ All-Terrain Vehicle Units (MULE):		25% additional
w/ Limited Access Rigs (Geoprobe 420M or 540M):		Sunday - 50% additional

In-Situ Remedial Injection Services:	\$3,140.00/day
Extra Sampling Technician:	\$840.00/day or \$105/hour
Per Diem:	\$110.00/person/day
Mobile Laboratory Services (VOCs 8260B):	\$1,950.00/day ²
Mobile Laboratory - Overtime:	\$250.00/hour
TO15 Analysis + Summa Canister Rental:	\$350/sample
Concrete Coring:	\$45.00-\$125.00/core depending on thickness & diameter + travel if outsourced upon request. Min.\$300/day

Vapor Probe Installation:	
PET Vapor Probe Kit:	\$25.00 each
1" Stainless Steel Vapor Probe Kit:	\$35.00 each
6" Stainless Steel Vapor Probe Kit:	\$55.00 each
Teflon Tubing:	\$1.50/ft.
Tedlar Bags:	\$15.00/bag
Soil Sampling:	
6" Stainless Steel Liners:	\$5.00 each
MC/DT/LB liners/caps:	\$6.50 each
Groundwater Sampling:	
GW Expendable points:	\$11.00 each
GW Tubing:	\$0.35/ft.
Bailers:	\$10.00 each
Temporary PVC (blank/slotted):	\$3.50/ft.
Backfill Boring:	
Bentonite/Sand:	\$15.00/bag
Grout:	\$21.00/bag
Well Cover 5-8":	\$50.00 each
Waste Containment-55 gal. Drum:	\$55.00 each

1. There is a 4-hour minimum sampling charge per day
2. The Mobile Laboratory is capable of analyzing 12-15 samples per 8-hour day

Price will remain effective until further notice



INTERPHASE ENVIRONMENTAL, INC.

Mobile Laboratories & Direct Push Drilling

STANDARD SCHEDULE OF PRICING

Direct-Push Sampling services: Discrete and Continuous Cored, Groundwater,
Soil Gas Sampling and SG well implant (covers up to 8 hours per day on site)

w/6600 Truck-Mounted Geoprobe Unit w/ 66 DT Track Unit (Geoprobe 6610DT or 6620DT) w/ All-Terrain Vehicle Units (MULE): w/ Limited Access Units (Geoprobe 420M or 540M):	} \$1,650.00/ day or \$225.00/hour ¹ OT Hours/Saturday 25% additional Sunday 50% additional
In-Situ Remedial Injection Services:	\$2,420.00/day
Extra Sampling Technician:	\$680.00/ day or \$85.00/ hour ¹
Per Diem:	\$110.00/person/day
Mobile Laboratory Services-VOCs 8260B:	\$1,950.00/day ²
Mobile Laboratory – Overtime:	\$250.00/hour
TO15 Analysis + Summa Canister Rental:	\$350/sample
Other Analysis:	Please call for quote
Concrete Coring:	\$45.00-\$125.00/core depending on thickness & diameter + travel if outsourced upon request. Min. \$300/day
Vapor Probe Installation:	
PET Vapor Probe Kit:	\$25.00 each
1" Stainless Steel Vapor Probe Kit:	\$35.00 each
6" Stainless Steel Vapor Probe Kit:	\$55.00 each
Teflon Tubing:	\$1.50/ft.
Tedlar Bags:	\$15.00/bag
Soil Sampling:	
6" Stainless Steel Liners:	\$5.00 each
MC/DT/LB liners/caps:	\$6.50 each
Groundwater Sampling:	
GW Expendable points:	\$11.00 each
GW Tubing:	\$0.35/ft.
Bailers:	\$10.00 each
Temporary PVC (blank/slotted):	\$3.50/ft.
Backfill Boring:	
Bentonite/Sand:	\$15.00/bag
Grout:	\$21.00/bag
Well Cover 5-8":	\$50.00 each
Waste Containment: 55gal.drum	\$55.00 each

1. There is a 4-hour minimum sampling charge per day.

2. The Mobile Laboratory is capable of analyzing 12-15 samples per 8hour day.

Price will remain effective until further notice

**JHA Environmental, Inc.
Rate Schedule
Effective October 2016 to October 2021**

Labor Category/Description	Rates per hour
Program Director (Professional License, 20+ years of exp.and/or M.S., PhD.)	\$ 160
Technical Expert/Program Manager (Professional License, 15 years of exp.and/or M.S., PhD.)	\$ 155
Senior Project Manager (Professional License, Min. 12 years of exp and/or M.S., PhD.)	\$ 145
Project Manager (10+ years of exp. And B.S.)	\$ 135
E5/G5 Engineer/Geologist (Professional License, Min. 10 years of exp. And/or M.S, PhD.)	\$ 135
E4/G4 Engineer/Geologist (Professional License and/or 7 to 10 years of exp. ,B.S.)	\$ 125
E3/G3 Engineer/Geologist (4 to 8 years of exp. ,B.S.)	\$ 100
E2/G2 Engineer/Geologist (3 to 5 years of exp. ,B.S.)	\$ 90
E1/G1 Engineer/Geologist (0 to 3 years of exp. ,B.S.)	\$ 80
Senior Remediation Manager II (+20 years of remediation exp.)	\$ 110
Remediation Manager I (+12 years of remediation exp.)	\$ 105
Senior Technician/Maintenance III (6 to 12 years of remediation exp.)	\$ 95
Technician/Maintenance II (3 to 6 years of remediation exp.)	\$ 85
Technician/Maintenance I (0 to 3 years of remediation exp.)	\$ 80
Database Manager II (Project level, 5+ years of exp., B.S.)	\$ 105
Database Manager I (Staff level, 0 to 5 years of exp., B.S.)	\$ 80
Industrial Hygienst II (CIH req.)	\$ 126
Industrial Hygienst I (Certified training and/or B.S.)	\$ 95
Administration III (Contract & Accounting, 10+ years of exp.)	\$ 74
Administration II (Contract & Accounting, Technical Editing, 5 to 10 years of exp.)	\$ 64
Administration I (Word Processing and Editing 0 to 5 years of exp.)	\$ 58
Expert Witness (2X the labor category hourly rate)	

JHA Environmental, Inc.
2016 Equipment Rate Schedule

Item	Information	Day	Week	Month
Field Truck		\$95.00	\$400.00	\$1,500.00
Health & Safety/PPE	Per person performing field work	\$25.00	\$100.00	\$375.00
Field Computer		\$25.00	\$100.00	\$375.00
Grundfos Redi-Flo2	2" submersible pump with converter and up to 200 ft. lead	\$130.00	\$390.00	\$1,170.00
Low-Flow Sampling Pump	Low-flow water sampling	\$100.00	\$350.00	\$900.00
Solinst, Optical Reader	Level logger reader w/pc serial cable and software	\$25.00	\$75.00	\$225.00
Solinst Level Logger	Self contained water level logger, 16k memory	\$50.00	\$150.00	\$450.00
Solinst Water Level Meter	100 ft.	\$25.00	\$75.00	\$225.00
Solinst Water Level Meter	300 ft.	\$35.00	\$105.00	\$315.00
Solinst Interface Meter	100 ft.	\$55.00	\$165.00	\$495.00
Solinst Interface Meter	300 ft.	\$65.00	\$195.00	\$585.00
Horiba U-22	Temp, Cond, pH, DO, Turbidity, TDS, SG, ORP	\$150.00	\$450.00	\$1,350.00
Horiba	Flow through cell for Horiba U-22	\$25.00	\$75.00	\$225.00
Waterra Pump	110V pump	\$75.00	\$225.00	\$675.00
Rae, Thermo, PhotoVac	PID with 10.6eV bulb	\$75.00	\$225.00	\$675.00
Rae, Thermo, PhotoVac	PID with 11.7eV bulb	\$125.00	\$375.00	\$1,125.00
Sampling and Decon Supplies	3-bucket wash, ice, baggies, etc.	\$25.00	\$75.00	\$150.00
Soil Sampling Kit	Hand auger, slide hammer, extensions	\$75.00	\$225.00	\$675.00
TSI, Velocicalc 8355, 8360	Air Velocity and Temperature	\$65.00	\$195.00	\$585.00
Thomas, DC	Air Sampling, 60 liters/minute	\$15.00	\$45.00	\$135.00
Gast	Air Sampling, Hi-Vac	\$35.00	\$105.00	\$315.00
Vacuum Gauges	Magnehelic	\$5.00	\$15.00	\$45.00
Digital Manometer	Measures "H2O, "Hg, Psi	\$10.00	\$30.00	\$90.00
Vapor Sample Box	Air Sampling	\$20.00	\$80.00	\$290.00
MultiQuip Generator	5000 watts plus fuel	\$100.00	\$350.00	\$900.00
Small Utility Trailer		\$45.00	\$135.00	\$405.00
500-gallon Water Trailer		\$225.00	\$700.00	\$2,100.00
Rotohammer		\$25.00	\$75.00	\$225.00
Transfer Pump	2" trash/transfer pump	\$75.00	\$225.00	\$675.00
Traffic Cones and Delineators		\$15.00	\$45.00	\$135.00
Lights		\$30.00	\$90.00	\$270.00
Air Compressor		\$50.00	\$150.00	\$450.00



714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

STATIONARY LAB FEE SCHEDULE

Leighton Group (Client) for

Los Angeles County Department of Public Works (LACDPW) 5 YEAR ON-CALL CONTRACT

ANALYSIS	•	DESCRIPTION	•	PRICE PER SAMPLE
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Volatile Organic Compounds (VOCs)

EPA 8260B	Full Scan – Soil & Water	\$ 59.00
EPA 8260B	Full Scan – Soil Gas (Immediate Attention) Commercial RLs	\$ 120.00
EPA 8260B	Full Scan – Soil Gas (Immediate Attention) Residential RLs	\$ 135.00
LUFT GC/MS	TPH as Gasoline - TPHg/GRO (C4-C12)	\$ 10.00*
EPA 8260B	BTEX & Oxygenates only	\$ 59.00
EPA 8260B	TPH – Fractionation (Aliphatic & Aromatic)	50% Surcharge
TO-15	Indoor Air – 6-liter canister	\$ 175.00
TO-15	Soil Gas – 1-liter canister	\$ 150.00

* TPH as Gasoline via Cal LUFT-GCMS simultaneous run w/full VOC's by EPA 8260B

Semi-Volatile Organic Compounds (SVOCs)

EPA 8015M	Extended Range Carbon Chains (C8-C43)	\$ 45.00
EPA 8015M	Total Petroleum Hydrocarbons as Diesel/Oil (DRO/ORO)	\$ 40.00
EPA 8015B	Diesel Range Organics (C10-C32)	\$ 40.00
EPA 8015M	Extended Range Carbon Chains (C8-C43) w/ interp.	\$ 75.00
EPA 8081A	Chlorinated Pesticides (OCPs)	\$ 75.00
EPA 8082	Polychlorinated Biphenyls (PCBs)	\$ 75.00
EPA 8270C	Full Scan Semi-Volatile Organic Compounds	\$ 125.00
EPA 8270C SIM	Polycyclic Aromatic Hydrocarbons (PAHs/PNAs)	\$ 75.00
EPA 8270C	1,4-Dioxane	\$ 65.00

Metals

EPA 6010B/7470A or 7471A	Title 22/CAM17 Metals	\$ 60.00
EPA 6010B	Individual Metal	\$ 20.00
EPA 6010B	2 Metals	\$ 35.00

Methane/Fixed Gases

ASTM D1946	Methane by GC/FID	\$ 60.00
ASTM D1946	Fixed Gases by GC/TCD	\$ 75.00



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805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

ANALYSIS	•	DESCRIPTION	•	PRICE PER SAMPLE
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Inorganic Compounds

EPA 9040B	pH Water	\$ 10.00
EPA 9045C	pH Soil	\$ 12.00
Percent Water		\$ 15.00

MATERIALS & SERVICES	•	PRICE PER SAMPLE
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SUMMA Canister Rental – Individual Certified	\$ 50.00
SUMMA 200 cc/min Regulators	\$ 25.00
SUMMA 8-24 Hour Regulators	\$ 35.00
Sample Collection Per Hour, Minimum 3 Hours	\$ 85.00

NORMAL TAT is 5-7 Business Days

RUSH TAT available for all analyses, expect where prohibited by method

Rush Surcharge (please call for daily availability)

24 Hour – 100%

48 Hour – 50%

72 Hour – 25%

- EDF Reporting for Geotracker 10% Surcharge of original mobile lab invoice
- All reports provided are Level II. Level III/IV reports are minimum \$500 for up to 20 samples. \$25 per sample, thereafter per report.
- Normal TAT is 5-7 days for most lab results



714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

MOBILE LAB FEE SCHEDULE

Leighton Group (Client) for

Los Angeles County Department of Public Works (LACDPW) 5 YEAR ON-CALL CONTRACT

MOBILE LABORATORY DAILY RATES*

8260B Soil Gas with Residential Reporting Limits	15 Samples	\$2150/day
8260B Soil Gas with Commercial Reporting Limits	20 Samples	\$2150/day
8015 TPHd or 8015 Full Scan/ASTM D2887 – Soil/Water	20 Samples	\$1500/day
8260B/TPHg – Soil/Water	20 Samples	\$2150/day

MOBILE LABORATORY FEES

Mobilization Charge	No Analysis Included	\$ 600/day
Standby / Half-Day Fee	No Samples Received	\$ 900/day
Weekend Mobilization Fee	No Analysis Included	\$ 500/day

ANALYSIS	DESCRIPTION	PRICE PER SAMPLE
EPA 8260B	Soil Gas with Residential Reporting Limits	\$ 13500
EPA 8260B	Soil Gas with Commercial Reporting Limits	\$ 120.00
LUFT GC/MS	TPH as Gasoline (TPHg/GRO)	\$ 10.00♦
EPA 8260B	Soil/Water	\$ 109.00
EPA 8015	Soil/ Water	\$ 75.00

♦ Total Petroleum Hydrocarbons as Gasoline via EPA 8260B added to full VOC's

MATERIALS	PRICE PER SAMPLE
SUMMA Canister Rental – Individual Certified	\$ 50.00
SUMMA 200 cc/min Regulators	\$ 25.00
SUMMA 8-24 Hour Regulators	\$ 35.00

*Rates quoted are based on a maximum of 15-20 sample analyses or an 8 hr. day – whichever comes first.

- EDF Reporting for Geotracker 10% Surcharge of original mobile lab invoice
- All reports provided are Level II. Level III/IV reports are minimum \$500 for up to 20 samples. \$25 per sample thereafter per report.
- Normal TAT is 24 for most mobile lab results



Millennium Environmental, Inc.
Daily Personnel and Equipment Rates
Leighton - LACoDPW

Standard Rates Valid Until October 31, 2021*

Professional Fees

Title	Rate
Project Manager	\$150.00 / Hour
Professional Geologist	\$175.00 / Hour
Field Technician	\$80.00 / Hour
Junior Field Technician	\$70.00 / Hour
Concrete Coring Technician	\$80.00 / Hour
Premium Hours (evening or weekend work)	\$325.00 / Crew
Overtime (per person)	\$125.00 / Hour
Double Overtime (per person)	\$180.00 / Hour
Per Diem (per person)	\$200.00 / Day

Field Services

Equipment	Rate	
	1/2 Day	Full Day
Geoprobe 7822 Direct Push Rig	\$1,600	\$2,400
Geoprobe 6600 Direct Push Rig	\$1,200	\$2,000
Geoprobe 540B Skid Steer Direct Push Rig	\$1,400	\$2,200
Geoprobe 540MT Dolly Direct Push Rig	\$1,400	\$2,200
Dual Geoprobe Rigs	\$1,900	\$2,700
Bobcat		
Delivery and Pick Up (Bobcat Only)	\$150	/ Hour
Delivery and Pick Up (Backhoe Attachment)	\$175	/ Hour
Field Truck	\$90	/ Day
Fuel Surcharge	\$175.00	/ Unit

Sampling Supplies

Item	Rate
Soil Gas Well - Single 5-foot	\$8.00 / Location
Soil Gas Well - Dual 5-foot and 10-foot	\$15.50 / Location
Soil Gas Well - Dual 5-foot and 15-foot	\$20.00 / Location
Soil Gas Well - Triple 5-foot, 10-foot and 15-foot	\$25.50 / Location
Temporary Well - 20-foot with 5-foot screen	\$85.00 / Location
Expendable Point - 2.25-Inch	\$10.00 / Each
Hydropunch Sampler	\$25.00 / Location

Millennium Surface Coring

Item	Rate
Surface Coring Location (up to 4" diameter <6" thick)	\$55.00 / Location
Surface Coring Location (up to 4" diameter 6 to <8" thick)	\$70.00 / Location
Surface Coring Location (up to 4" diameter 8 to <10" thick)	\$80.00 / Location
Surface Coring Location (up to 4" diameter 10 to <12" thick)	\$90.00 / Location
Surface Coring Location (up to 4" diameter >12" thick)	\$100.00 / Location
Surface Coring Location (large diameter <6" thick)	\$125.00 / Location
Surface Coring with Drill Steel Attachment	\$30.00 / Location
Resurfacing (concrete/asphalt)	\$5.25 / Location

Subcontracted Coring Activities

Item	Rate
Surface Coring Location	At cost

Miscellaneous Equipment and Supplies

Item	Rate
55-Gallon Drum	\$55.00 Each
30-Gallon Drum	\$65.00 Each
16.5-Gallon Drum	\$65.00 Each
Level C PPE	\$90.00 / Day

*Prevailing Wage Rates not reflected in cost sheet. Additional charges apply for prevailing wage projects and are based on current State established trade rates.



Project Control CONSULTING, INC.

Program/ Project Tracking & Reporting
Program Coordination & Document Control

Hourly Charge Rates

Position	2016-2021
Principal	\$160.00
Project Manager	\$145.00
Project Control Manager/MS Scheduler	\$130.00
Project Control Manager	\$115.00
Project Coordinator	\$115.00
Document Control Manager	\$115.00
Project Administration	\$90.00
Clerical	\$80.00

Notes:

Rates are locked in through December 2021

For all other personnel, the charge rate will be 2.5 times our direct personnel expenses, this markup shall include payroll, taxes, insurance and fringe benefits.

Traveling time is charged at the same rate as stated above.



Schedule of Fees

General Geophysical Studies

Ground Penetrating Radar, Electromagnetics, Magnetics, Line Tracer

Half Day*	\$1,300
Full Day*	\$2,300
Hourly Rate	\$260
(A Mob/Demob charge of \$300 applies to all projects billed on hourly rates.)	

Seismic Refraction, Sting Resistivity

Half Day*	\$1,550
Full Day*	\$2,550
Hourly Rate	\$275
(A Mob/Demob charge of \$450 applies to all projects billed on hourly rates.)	

Borehole and Corehole Utility/Rebar Locating**

Per Hour Rate

Mob/Demob*	\$300
Hourly Rate	\$210
Full Day Discount Rate	\$1,900

Per Borehole Rate

Mob/Demob*	\$300
Per Borehole Rate	\$85

All rates include a two-man crew.

Projects requiring air travel, overnight accommodations, and/or specialty equipment will be bid on a per project basis.

* Includes travel time for projects within 2 hours of San Diego. Additional travel time will be assessed at a rate of \$125 per hour.

** Fee will be based on either the per borehole or hourly rate, whichever is less.

***Rates shown above pertain to standard workweek hours. A 20% surcharge will be added to work performed outside of these hours.

Fee Schedule (October 2016 - October 2021)

SubSurface Surveys & Associates, Inc.

2075 Corte Del Nogal, Suite W | Carlsbad, California 92011

Office: (760) 476-0492

Fax: (760) 476-0493

Description	Billing Unit	Amount ¹
Basic Geophysical Surveying* (Cost of Crew)	Hourly	\$ 280.00
Advanced Geophysical Surveying** (Cost of Crew)	Hourly	\$ 325.00
Vibration/Blast Monitoring (Cost of Crew)	Hourly	\$ 120.00
Rebar/Post-Tension Delineation (Cost of Crew)	Hourly	\$ 210.00
*Basic geophysical surveying includes: borehole clearance, utility locating, abandoned oil well and UST detection and locating, Ground Penetrating Radar, Electro-Magnetic, Magnetic and VLF surveys, soil resistivity surveys using the Wenner four electrode array.		
**Advanced geophysical surveying includes: seismic surveys (refraction and reflection, surface, down-hole, and cross-hole), Electrical Resistivity Imaging Surveys using the STING.		
Other Direct Costs		
Description	Billing Unit	Amount
Weekend, Nighttime ²	Lump Sum	25% Increase
Overtime ³	Lump Sum	25% Increase
Presite Visits	Hourly	\$ 60.00
Seismic Tomography Processing	Per Line	\$ 100.00
Per Diem (only charged on out of town projects)	Night	\$ 140.00
Service Area Mobilization (Basic Geophysical Surveying) ⁴	Daily	\$ 280.00
Service Area Mobilization (Advanced Geophysical Surveying) ⁴	Daily	\$ 400.00
Service Area Mobilization (Blast/Vibration Monitoring) ⁴	Daily	\$ 240.00
Service Area Mobilization (Rebar/Post-Tension Surveying) ⁴	Daily	\$ 240.00
Out of Service Area Mobilization ⁵ (Basic Geophysical Surveying)	Hourly (one way)	\$ 150.00
Out of Service Area Mobilization ⁵ (Advanced Geophysical Surveying)	Hourly (one way)	\$ 225.00
Out of Service Area Mobilization ⁵ (Blast/Vibration Monitoring)	Hourly (one way)	\$ 120.00
Out of Service Area Mobilization ⁵ (Rebar/Post-Tension Surveying)	Hourly (one way)	\$ 120.00
Footnotes		
¹ All costs are a turnkey rate, including a professional report with appropriate graphics		
² Nighttime rates will be applied to all field hours and mobilization rates during the times of 6:00pm to 6:00am.		
³ Overtime rates will be applied to all field hours in excess of 8 field hours worked in any one day.		
⁴ Mobilization to project sites located within 2 hours of Carlsbad, CA		
⁵ Mobilization to "Out of Service Area" projects sites located more than 2 hours from our office location.		



VISTA ENVIRONMENTAL FEE SCHEDULE

Labor:

Principal or Certified Industrial Hygienist	\$135.00 per hour
Senior Project Manager	\$135.00 per hour
Cal/OSHA or Cal/DPH-Certified Field Staff	\$85.00 per Hour
Administrative Support	\$50.00 per Hour

Asbestos Sampling:

PLM Bulk Samples (5 Day T/A)	\$10.00 per Sample
PLM Bulk Samples (48 Hour T/A)	\$15.00 per Sample
PLM Bulk Samples (24 Hour T/A)	\$20.00 per Sample
Point Count Samples (5 Day T/A)	\$65.00 per Sample
Point Count Samples (24 Hour T/A)	\$95.00 per Sample

Lead Sampling:

Paint Chip Samples* (5 Day T/A)	\$15.00 per Sample
Paint Chip Samples* (5 Day T/A)	\$15.00 per Sample
Paint Chip Samples* (5 Day T/A)	\$15.00 per Sample
XRF Source Deterioration Fee	\$150.00 per Day

*: The same rates apply for material bulk samples or soil samples.

It is anticipated that most or all Vista services anticipated on this contract are included in this fee schedule. Fees for all items not included in this fee schedule, such as “other” lab fees, equipment rental or subcontracting of specialty services, shall be quoted on a per project basis.

All rates included in this fee schedule shall be good for the period October 2016 to October 2021.